```
Set     Items   Description
S1         28   AU=(ROLF, D? OR ROLF D?)
S2     378546   TELEPHONE? OR PHONE? OR WIRELESS OR CELLULAR? OR CELLPHONE?
S3       9524   POS OR POINT(1W)SALE
S4     897926   MONEY OR MONETARY OR ACCOUNT? ? OR AMOUNT?
S5     106663   SALE? ? OR TRANSACTION? OR BUY???? OR SELL??? OR PURCHAS? -
             OR SHOP?
S6    3700996   TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL-
             OAD? OR RECEIV?
S7    1381723   TRANSMITTER? OR RECEIVER? OR MEMORY OR PROCESS?R?
S8      94184   PDA OR PDAS OR PERSONAL()DIGITAL()ASSISTANT? ? OR PALMPILO-
             T? ? OR PALM()PILOT? ? OR (HANDHELD? OR PORTABLE?)(1W)(COMPUT-
             ER? ? OR DEVICE? ?) OR PAGER? ? OR PAGING OR PIM OR INFORMATI-
             ON()MANAGER? OR PC OR LAPTOP? OR LAP()TOP? ?
S9        239   S3 AND (S1 OR S8)
S10       102   S9 AND S7
S11        38   S10 AND S6
S12        16   S10 AND IC=G06F-017/60
S13         8   S10 AND S4
S14        24   S9 AND S5 AND S4
S15        61   S11:S14
? show files
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200303
         (c) 2003  Thomson Derwent
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15/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07123364 **Image available**
SETTLEMENT METHOD AND PERSONAL IDENTIFICATION METHOD USING **PORTABLE** COMMUNICATION **DEVICE** AND **PORTABLE** COMMUNICATION **DEVICE** USED FOR THESE METHODS

PUB. NO.: 2001-351032 [JP 2001351032 A]
PUBLISHED: December 21, 2001 (20011221)
INVENTOR(s): KAWAMATA YOICHI
OKAWA KATSUYOSHI
APPLICANT(s): VISUAL TECHNOLOGY KK
ACS KK
APPL. NO.: 2000-170985 [JP 2000170985]
FILED: June 07, 2000 (20000607)
INTL CLASS: G06F-017/60; H04Q-007/38

ABSTRACT

PROBLEM TO BE SOLVED: To use a portable telephone set to easily perform payment.

SOLUTION: At the time of payment, an authentication button of a portable telephone set 44 is operated to display a picture of the face of its legal owner and thus he or she is identified, and the **amount** of payment is inputted and a payment button 43 is operated to perform payment processing. Data of the **amount** of payment and the telephone number are received by an infrared interface device 14 of a **POS** terminal 11 through an infrared transmission/reception module 45 in accordance with this operation. This data is sent to a settlement center 20 and is recorded as a payment history, and a response is returned to the **POS** terminal 11, and settlement processing is performed at a **shop** 20 by recording processing.

15/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07069632 **Image available**
PORTABLE COMMUNICATION **DEVICE** ON SUPPLIER SIDE USED TO CLEAR UP **TRANSACTION**

PUB. NO.: 2001-297277 [JP 2001297277 A]
PUBLISHED: October 26, 2001 (20011026)
INVENTOR(s): IMAI KAZUYOSHI
TOGASHI NAOKI
TAKASHIMA YASUHIRO
APPLICANT(s): FUTURE SYSTEM CONSULTING CORP
FUTURE FINANCIAL STRATEGY KK
APPL. NO.: 2000-114466 [JP 2000114466]
FILED: April 14, 2000 (20000414)
PRIORITY: 11-375016 [JP 99375016], JP (Japan), December 28, 1999 (19991228)
2000-035699 [JP 200035699], JP (Japan), February 08, 2000 (20000208)
INTL CLASS: G06F-017/60; H04Q-007/38

ABSTRACT

PROBLEM TO BE SOLVED: To make optional the introduction of a **POS** device in a storefront, the introduction of a debit card reader, the installation of a store device which manages clearance information at one place, etc., to make the store terminal inexpensive, and to remove factors suppressing the introduction into a small store.

SOLUTION: This device is equipped with a transmission and reception part which communicates data to a consumer-side communication device, a display part for information, an input part which inputs the **amount** of **tra**nsaction with a consumer, a storage part for information, and a control part which controls the operations of the respective parts. The control part has functions of storing at least the total **amount** data of the **transaction** in the storage part according to the **amount** of the **transaction** inputted from the input part, reading the total **amount** data of the **transaction** out of the storage part to clear up the **transaction** , and transmitting it to the consumer-side communication device through the transmission and reception part.

15/5/3 (Item 3 from file: 347)

05795989 **Image available**

SYSTEM FOR ACCOUNTING FOOD AND DRINK CHARGE

PUB. NO.: 10-079089 [JP 10079089 A]
PUBLISHED: March 24, 1998 (19980324)
INVENTOR(s): YAEGASHI SETSUO
NISHIYAMA TAICHI
APPLICANT(s): TOSHIBA ENG CO LTD [416142] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-231882 [JP 96231882]
FILED: September 02, 1996 (19960902)
INTL CLASS: [6] G07G-001/12; **G06F-017/60**
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R002 (LASERS); R007 (ULTRASONIC WAVES)

ABSTRACT

PROBLEM TO BE SOLVED: To improve the reliability of accounting by detecting the height of plates placed on a table, and calculating the accounted sum from the height.

SOLUTION: A **POS** (**point sale** of scanning) terminal 10 **receives** data indicating a seat number and accounting, and **transmits** a command for requesting height detection to a laser distance measuring instrument 30 on an LAN 11 corresponding to the seat number. Then, the corresponding laser distance measuring instrument 30 detects the height of plates 9 on a counter, and **transfers** the height data to a controlling and communicating device 12, and the controlling and communicating device 12 **transmits** the data through the LAN 11 to the **POS** terminal 10. Then, the **POS** terminal 10 **receives** the height data of the plates 9 **transmitted** from the controlling and communicating device 12, calculates the number of the plates 9 based on the height information of each plate different for each unit price classification preliminrily stored in a **memory** 25 of a **PC** part 21, totals the number of the plates 9, calculates the accounted sum, and displays it on a display part.

15/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04854381 **Image available**
POS TERMINAL AND ITS PRINTER

PUB. NO.: 07-146981 [JP 7146981 A]
PUBLISHED: June 06, 1995 (19950606)
INVENTOR(s): EBINA KOICHI
ITO IKUO
APPLICANT(s): SEIKO EPSON CORP [000236] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-293556 [JP 93293556]
FILED: November 24, 1993 (19931124)
INTL CLASS: [6] G07G-001/06; **G06F-017/60**
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)

ABSTRACT
PURPOSE: To reduce the size of the device as to both its housings and connector by mounting a 2nd housing which contains a control means detachably on a 1st housing which contains a printing means and integrating them, and **sending** and **receiving** data at logical level.

CONSTITUTION: A printer 10 and a **PC** unit 11 **send** and **receive** data at TTL level. A CPU board as the data processing means of the **PC** unit 11 is an all- in-one type including a CPU, a **memory** , an interface, etc. The printer 10 and **PC** modules 11 are put in the housings respectively and united. The **PC** module 11 is attachable to and detachable from the printer 10 as a drawer type. Then when the **PC** unit 11 is detached, the printer 10 can print data which are inputted from an external control part through a display module.

15/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04420795 **Image available**
POS TERMINAL SYSTEM FOR GAS STATION

PUB. NO.: 06-064695 [JP 6064695 A]
PUBLISHED: March 08, 1994 (19940308)
INVENTOR(s): NAKAGAKI YASUHIRO
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-214230 [JP 92214230]
FILED: August 11, 1992 (19920811)
INTL CLASS: [5] B67D-005/24; G06F-015/21
JAPIO CLASS: 24.1 (CHEMICAL ENGINEERING -- Fluid Transportation); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)

JOURNAL: Section: M, Section No. 1620, Vol. 18, No. 310, Pg. 14, June 14, 1994 (19940614)

ABSTRACT

PURPOSE: To improve working conditions and also service for customers by shortening the moving **amount** and working time of a service man at the time of oil feeding work.

CONSTITUTION: A body 31a of a **portable** terminal **device** 31 is mounted on an upper arm of a service man 35 who is in an oil feeding area 23, so that **sale** data can be inputted in the body 31a and also data including the inputted **sale** data can be transmitted and received wirelessly.

15/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO

03527000 **Image available**
TERMINAL EQUIPMENT

PUB. NO.: 03-189900 [JP 3189900 A]
PUBLISHED: August 19, 1991 (19910819)
INVENTOR(s): MOROSAWA AKIHIRO
APPLICANT(s): TOKICO LTD [000305] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-330842 [JP 89330842]
FILED: December 20, 1989 (19891220)
INTL CLASS: [5] G07G-001/12
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines)
JAPIO KEYWORD: R105 (INFORMATION PROCESSING -- Ink Jet Printers); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 1276, Vol. 15, No. 451, Pg. 66, November 15, 1991 (19911115)

ABSTRACT

PURPOSE: To simplify a **POS** operation when performing accounting by forming an input means to perform the input of first order information in a portable type, and issuing a document on which the print recording and magnetic recording of second order information are performed.

CONSTITUTION: A **portable** input **device** 1 is comprised of a CPU 11 to control each part of the input device, a **memory** 12 to store an input content transiently, a keyboard 13, a display part 14 to display and reproduce the input content, and an external connection terminal 15. Also, a data **transfer** device 2 collects order data inputted to the **portable** input **device** 1 and **transfers** it to a control part 3. When a **received** order item is inputted by operating the carrying input means 1, it is fetched in the control means 3 via the **transfer** means 2, then, charge tabulation processing and editing processing are performed, and it is worked and generated to the second order information, and a recording means 4 prints the second order information on a document 5, and also, the magnetic recording is performed. In such a way, an accounting job and a goods managing job can be simplified and time for them can be shortened.

15/5/7 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014978783 **Image available**
WPI Acc No: 2003-039297/200303
XRPX Acc No: N03-030682

Liquid crystal device for cell phone, watch, has light transmitting **metal oxide film laminated on reflective conductive film such that edge of metal oxide film is in contact with lower substrate**

Patent Assignee: SEIKO EPSON CORP (SHIH); HAGIWARA T (HAGI-I); HANAKAWA M (HANA-I); HINATA S (HINA-I)
Inventor: HAGIWARA T; HANAKAWA M; HINATA S
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020118325	A1	20020829	US 200268304	A	20020205	200303	B
JP 2002311449	A	20021023	JP 2001357706	A	20011122	200303	
CN 1369732	A	20020918	CN 2002103434	A	20020205	200303	

Priority Applications (No Type Date): JP 2001357706 A 20011122; JP 200129747 A 20010206
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020118325	A1		63	G02F-001/1335	
JP 2002311449	A		37	G02F-001/1343	
CN 1369732	A			G02F-001/1335	

Abstract (Basic): US 20020118325 A1

NOVELTY - A liquid crystal is arranged between a lower and upper substrates (2,3) and a reflective conductive film is formed on the lower substrate. A light **transmitting** metal oxide film is laminated on the reflective conductive film such that the edge of the metal oxide film is in contact with the lower substrate. An illumination device irradiates the liquid crystal, by light from the lower substrate.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Liquid crystal device manufacturing method; and

(2) Electronic apparatus.

USE - For cellular phone, **portable computer** , wrist watch, LC television, view finder type or monitor direct view type video tape recorder, car navigation device, **pager** , electronic notebooks, electric calculator, word **processor** , work station, television telephones, **POS** terminal, touch panel, etc.

ADVANTAGE - Enables to suppress the occurrence of variation in the area ratio of a light **transmitting** region to a light reflecting region of a transflective film, even when various types of error occurs. Prevents the occurrence of variation in display quality even when the display at system of liquid crystal device is changed.

DESCRIPTION OF DRAWING(S) - The figure shows a top view of a liquid crystal device.

Lower substrate (2)

Upper substrate (3)

pp; 63 DwgNo 1/40

Title Terms: LIQUID; CRYSTAL; DEVICE; CELL; TELEPHONE; WATCH; LIGHT; **TRANSMIT** ; METAL; OXIDE; FILM; LAMINATE; REFLECT; CONDUCTING; FILM; EDGE; METAL; OXIDE; FILM; CONTACT; LOWER; SUBSTRATE
Derwent Class: P81; P85; S04; T01; T04; U14; V04; W01; W04; W05
International Patent Class (Main): G02F-001/1335; G02F-001/1343
International Patent Class (Additional): G02F-001/13357; G09F-009/00; G09F-009/30; G09F-009/35
File Segment: EPI; EngPI

15/5/8 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014978638
WPI Acc No: 2003-039152/200303
Related WPI Acc No: 2002-025658; 2002-750766
XRPX Acc No: N03-030539

Hand-held device e.g. smart card, mobile phone for providing promotional opportunity, has photodetector to detect light from bar code scanner, when front surface faces computer monitor

Patent Assignee: CHUPP C E (CHUP-I); CIARDULLO D A (CIAR-I); KOPLAR E J (KOPL-I); WITHERS J G (WITH-I)
Inventor: CHUPP C E; CIARDULLO D A; KOPLAR E J; WITHERS J G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020112250	A1	20020815	US 2000195542	A	20000407	200303 B
			US 2000207460	A	20000525	
			US 2001266238	A	20010204	
			US 2001829223	A	20010409	

Priority Applications (No Type Date): US 2001829223 A 20010409; US 2000195542 P 20000407; US 2000207460 P 20000525; US 2001266238 P 20010204
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020112250	A1		32	H04N-007/16	Provisional application US 2000195542
					Provisional application US 2000207460
					Provisional application US 2001266238

Abstract (Basic): US 20020112250 A1

NOVELTY - A user interaction unit is electronically connected to a microprocessor, a **memory** and a visual display of the hand-held device (12). The leading edge of the hand-held device has a lens to admit video signals from computer monitor into a photodetector. A photodetector detects light from a bar code scanner, when the front surface (16) of the hand-held device faces the monitor (10).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Electronic coupon and value redemption method;

(2) Auxiliary data **transmission** method from computer monitor to hand-held device;

(3) Hand-held device usage system for providing user with promotional opportunities;

(4) Interactive advertising and promotion method in connection with sports or other special event; and

(5) Apparatus for **receiving** composite signal and **transmitting** auxiliary data to hand-held device.

USE - Hand-held device such as smart card, mobile phone, **PDA** , palm devices, credit card like device, electronic decoding box, wireless handset, stuffed animal or toy, snap shot type camera, replica sports helmet, scaled racing car, replica baseball and football bat, PCMCIA card. Used in hotel phone company, business environment for obtaining promotional opportunities such as interactive advertising and gaining enjoyment, promotion, **transfer** of information, data collection, commercial verification, coupon, security, education, transaction at **point** of **sale** (**POS**) and commercial, personal and entertainment purposes and for coupon redemption by sponsoring entity.

ADVANTAGE - Provides a hand-held device which is intrinsically

simple, effective and economical to make and distribute widely, reliable and easy to use. The users are enabled to participate in promotional opportunities in multiple locations using a single hand-held device. The device provides sports fan with live statistics and trivia while watching the game live or at home. User can acquire useful information about the concert or special presentation through receipt of auxiliary data on the device.

pp; 32 DwgNo 0/18

Title Terms: HAND; HELD; DEVICE; SMART; CARD; MOBILE; TELEPHONE; PROMOTE; PHOTODETECTOR; DETECT; LIGHT; BAR; CODE; SCAN; FRONT; SURFACE; FACE; COMPUTER; MONITOR

Derwent Class: T01; T04; T05; W01; W04; W05

International Patent Class (Main): H04N-007/16

File Segment: EPI

15/5/9 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014891790 **Image available**

WPI Acc No: 2002-712496/200277

XRPX Acc No: N02-562027

Digital image storage method involves performing point **-of** sale **transaction for storing digital image** received **from imaging device such as camera, at remote site**

Patent Assignee: KIM S Y (KIMS-I); MEYER J F (MEYE-I)

Inventor: KIM S Y; MEYER J F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020116278	A1	20020822	US 2001785969	A	20010217	200277	B

Priority Applications (No Type Date): US 2001785969 A 20010217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020116278	A1		6	G06F-017/60	

Abstract (Basic): US 20020116278 A1

NOVELTY - A digital image is **received** from the **memory** of an imaging device e.g. digital camera. A **point** -of- **sale** transaction is performed in a mini-kiosk for storing digital image at a remote site.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Digital image storage system;

(2) Mini-kiosk; and

(3) Article for machine having **processor** and interface.

USE - For **receiving** digital images stored in digital camera, handheld scanner, inkjet printer, personal or notebook computer, desktop computer, **personal digital assistant** (**PDA**), etc., and storing the images at a remote site e.g. image storage web site, photo-sharing server, etc., using transaction machine e.g. mini-kiosk.

ADVANTAGE - Allows the customer to quickly and easily **download** the images from the remote site. Since the users can store the captured digital images at a remote site, photographing capability is increased without carrying additional **memory** , purchasing expensive high-capacity **memory** or having to access storage device. Also, allows users to share their image with others.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart for storing digital images at a remote site.

pp; 6 DwgNo 1/3
Title Terms: DIGITAL; IMAGE; STORAGE; METHOD; PERFORMANCE; POINT; SALE; TRANSACTION; STORAGE; DIGITAL; IMAGE; **RECEIVE** ; IMAGE; DEVICE; CAMERA; REMOTE; SITE
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

15/5/10 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014870272 **Image available**
WPI Acc No: 2002-690978/200274
XRAM Acc No: C02-195229
XRPX Acc No: N02-545112
Thin film formation by chemical vapor deposition for use as electrode in electronic apparatus such as mobile telephone, involves vaporizing liquid from raw material to fed to film forming surface of substrate
Patent Assignee: SEIKO EPSON CORP (SHIH)
Inventor: FURUSAWA M; SHIMODA T
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020114887	A1	20020822	US 200126635	A	20011227	200274	B
JP 2002275629	A	20020925	JP 2001398535	A	20011227	200278	

Priority Applications (No Type Date): JP 2000403229 A 20001228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020114887	A1		13	C23C-016/00	
JP 2002275629	A		9	C23C-016/04	

Abstract (Basic): US 20020114887 A1
NOVELTY - A liquid containing a raw material for thin film formation is placed on part(s) of a substrate (1). The raw material is vaporized from the liquid so as to be fed to the part(s) of a film forming surface (11) of the substrate, to form a thin film (30) with a predetermined pattern.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for an electronic apparatus comprising the thin film with a predetermined pattern which is used as an electrode.
USE - For electronic apparatus such as notebook-size computers, mobile telephones, liquid crystal projectors, multimedia personal computers (**PC**) and engineering workstations (EWS), **pagers** , word **processors** , televisions, view finder type or monitor-direct-view type video tape recorders, electronic pocket diaries, electronic desk calculators, car navigation apparatus, **POS** terminals and apparatus provided with touch panels.
ADVANTAGE - The process forms a thin film by chemical vapor deposition in which a large-scale vacuum exhaust unit or neutralization unit is not required. The thin film can be formed partially on the substrate using small **amount** of raw material liquid. A thin patterned film is obtained without performing patterning after the formation of thin film. The use of a dummy substrate for placing the raw material liquid is not required.
DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the formation of a thin film.
Substrate (1)
Film forming surface (11)

Thin film (30)
pp; 13 DwgNo 3a/6
Title Terms: THIN; FILM; FORMATION; CHEMICAL; VAPOUR; DEPOSIT; ELECTRODE; ELECTRONIC; APPARATUS; MOBILE; TELEPHONE; VAPORISE; LIQUID; RAW; MATERIAL ; FEED; FILM; FORMING; SURFACE; SUBSTRATE
Derwent Class: L03; P42; U11; U14
International Patent Class (Main): C23C-016/00; C23C-016/04
International Patent Class (Additional): B05D-003/02
File Segment: CPI; EPI; EngPI

15/5/11 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014786797 **Image available**
WPI Acc No: 2002-607503/200265
XRPX Acc No: N02-481084
Credit card data processing method for portable digital assistant, involves authorizing transaction **corresponding to credit card, by inputting electronic signature through touch screen**
Patent Assignee: ORTIZ L M (ORTI-I)
Inventor: ORTIZ L M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020077974	A1	20020620	US 2000740626	A	20001219	200265	B

Priority Applications (No Type Date): US 2000740626 A 20001219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020077974	A1		19	G06F-017/60	

Abstract (Basic): US 20020077974 A1
NOVELTY - The data are read from a credit card using a credit card reader that is integrated with a wireless hand held device. A user inputs an electronic signature through a touch screen integrated with the hand held device, to authorize a **transaction** corresponding to the credit card.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:
(1) Credit card data processing system; and
(2) Wireless hand held device.
USE - For electronic hand held devices such as **personal digital assistant** (**PDA**), wireless telephone, **pager** , mobile storage and computing device, desktop personal computer, WAP-enabled mobile phone, electronic tablet.
ADVANTAGE - Conducts economic **transactions** using hand held devices effectively. Enables wireless economic **transactions** very efficiently. Enables wireless **point** of **sale** . Permits the credit card holders to input electronic signature associated with credit card **transactions** . Enables transfer of electronic receipt to user's e-mail **account** associated with the credit card. Enables user to use the credit card any time using the mobile telephone.
DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of operations for processing credit card **transaction** through the wireless hand held device.
pp; 19 DwgNo 9/9
Title Terms: CREDIT; CARD; DATA; PROCESS; METHOD; PORTABLE; DIGITAL; ASSIST ; AUTHORISE; **TRANSACTION** ; CORRESPOND; CREDIT; CARD; INPUT; ELECTRONIC;

SIGNATURE; THROUGH; TOUCH; SCREEN
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/12 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014761685 **Image available**
WPI Acc No: 2002-582389/200262
XRPX Acc No: N02-461797

Message originator program identity verification method for computer, involves receiving **program specific identifier generated by trusted computing base, by** receiver **program**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: RIORDAN J
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020066016	A1	20020530	US 2001808341	A	20010314	200262 B
KR 2001096572	A	20011107	KR 20019231	A	20010223	200262
JP 2001282375	A	20011012	JP 200166298	A	20010309	200262

Priority Applications (No Type Date): EP 2000105529 A 20000315
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020066016	A1		12	H04L-009/00	
KR 2001096572	A			G06F-001/00	
JP 2001282375	A		13	G06F-001/00	

Abstract (Basic): US 20020066016 A1

NOVELTY - The message originator program (D) **transmits** a message having a program specific identifier (H(D)) which is provided to the originator program by a trusted computing base (TCB), to a **receiver** program (S). The program identifier is verified by the message **receiver** program and an acknowledgement identifier (H(S)) is **transmitted** to the originator program.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Message originator program identifier verification program;

(2) Method for disclosing the identity of message originator program;

(3) Apparatus for verifying the identity of **memory** originator program;

(4) Apparatus for disclosing the identity of message originator program; and

(5) Computer program product for verifying identifier

USE - For verifying identity of message originator program installed in **laptop** computers, **PDA** , notebook type computers, desktop computers, computer terminals, networked computers, Internet terminals, set-top boxes, cash registers, bar code scanners, **point -of- sale** terminals, kiosk systems, cellular phones, wrist watches, **pagers** , digital watches, badges, smartcards, handsets, human interface device (HID) compliant peripherals, data and voice access points, cameras, printers, facsimile, keyboards, joysticks, kitchen appliances, smoke or fire detectors, smart wallet' computer, belt' computer, vending machines, ticket machines, automated teller machine, etc.

ADVANTAGE - Enables secure access control of programs, by setting

up trusted communication between originator and **receiver** programs.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of exchange of messages between originator and **receiver** programs.

Message originator program (D)

) Program specific identifier (H(D)

) Acknowledgement identifier (H(S)

Receiver program (S)

pp; 12 DwgNo 2/5

Title Terms: MESSAGE; PROGRAM; IDENTIFY; VERIFICATION; METHOD; COMPUTER; **RECEIVE** ; PROGRAM; SPECIFIC; IDENTIFY; GENERATE; COMPUTATION; BASE; **RECEIVE** ; PROGRAM

Derwent Class: T01; W01

International Patent Class (Main): G06F-001/00; H04L-009/00

File Segment: EPI

15/5/13 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014698994 **Image available**

WPI Acc No: 2002-519698/200255

XRPX Acc No: N02-411339

Software algorithms modification method for protecting software, involves modifying encoded algorithm based on transfer **and/or combination and/or elimination of information in site**

Patent Assignee: CLOAKWARE CORP (CLOA-N)

Inventor: CHOW S T; JOHNSON H J; EISEN P A

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200246890	A2	20020613	WO 2001CA1729	A	20011210	200255	B
CA 2327911	A1	20020608	CA 2327911	A	20001208	200255	
AU 200221414	A	20020618	AU 200221414	A	20011210	200262	

Priority Applications (No Type Date): CA 2327911 A 20001208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200246890	A2	E	90	G06F-001/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

CA 2327911	A1	E	G06F-012/14	
AU 200221414	A		G06F-001/00	Based on patent WO 200246890

Abstract (Basic): WO 200246890 A2

NOVELTY - A software algorithm is encoded. The encoded algorithm is modified based on **transfer** and/or combination and/or elimination of information in sites.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Computer software protection method;

(2) Computer software obscuring method;

(3) Software obfuscating method;

(4) Computer readable **memory** medium storing software codes executable to perform software algorithms modification; and

(5) Carrier signal incorporating software codes for performing software algorithms modification.

USE - For software algorithms modification in telephones, cellular phones, television, television set top unit, **point** of **sale** computer, automatic banking machine, **laptop** computer, server, **PDA** , smart card, vehicles and electronic commerce applications. For protecting software to discover secure data like cryptographic keys e.g.executable music files.

ADVANTAGE - Since software is used for implementing the software modification, the cost is very less and electronic transportation is easily performed and there are no costly administrative and physical limitations of hardware solutions.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart explaining the software algorithm modification process.

pp; 90 DwgNo 1/17

Title Terms: SOFTWARE; ALGORITHM; MODIFIED; METHOD; PROTECT; SOFTWARE; MODIFIED; ENCODE; ALGORITHM; BASED; **TRANSFER** ; COMBINATION; ELIMINATE; INFORMATION; SITE

Derwent Class: T01

International Patent Class (Main): G06F-001/00; G06F-012/14

File Segment: EPI

15/5/14 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014667631 **Image available**

WPI Acc No: 2002-488335/200252

XRPX Acc No: N02-385931

Transaction initiation method using television, involves determining destination and content of communication from data stream extracted from filtered perceptible signal using spread spectrum decoding

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: AUGUST K G; SIZER T; WRIGHT G A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6389055	B1	20020514	US 9850737	A	19980330	200252	B

Priority Applications (No Type Date): US 9850737 A 19980330

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6389055	B1		15	H04B-001/69	

Abstract (Basic): US 6389055 B1

NOVELTY - The data signal is modulated onto the program signal for converting the program signal into perceptible form. The perceptible signal is captured and filtered to remove most of the energy of the human voices. The data stream is extracted from the filtered signal based on which communication is initiated. The destination and the content of the communication are determined from the extracted data.

USE - For initiating transaction such as placing telephone call and **transmitting** message to remote agent or automated attendant and delivering data to **point** -of- **sale** agent directly or indirectly through telecommunication connection, using wireless capture of information obtained from audio/video device such as television (TV), display monitor, radio in vehicle e.g. car, wireless phone, cellular phone, **receiver** , telephone, computer, computer peripheral, **laptop** computer, ultrasonic radiator in security system, node on wireless

local area network (LAN), node on wide area network (WAN), microphone in telephone handset, video cassette recorder (VCR), **personal digital assistant** (**PDA**) and other communication system, etc.

ADVANTAGE - A two-way dialog is initiated between the user and an agent at a remote terminal or plain old telephone service (POTS) system, using the extracted data stream.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the transaction initiation system.

pp; 15 DwgNo 1/10

Title Terms: TRANSACTION; INITIATE; METHOD; TELEVISION; DETERMINE; DESTINATION; CONTENT; COMMUNICATE; DATA; STREAM; EXTRACT; FILTER; PERCEPTION; SIGNAL; SPREAD; SPECTRUM; DECODE

Derwent Class: W01; W02

International Patent Class (Main): H04B-001/69

File Segment: EPI

15/5/15 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014622745 **Image available**

WPI Acc No: 2002-443449/200247

XRPX Acc No: N02-349382

Point **of** sale transaction **system has server to execute payment processing application in response to customer financial** account **data from** POS **device and send payment processing status**

Patent Assignee: EPPERSON N C (EPPE-I); RITSCHEL K F (RITS-I); TAYLOR W S (TAYL-I); VILLART J (VILL-I)

Inventor: EPPERSON N C; RITSCHEL K F; TAYLOR W S; VILLART J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020046185	A1	20020418	US 2000229275	P	20000830	200247	B
			US 2001850817	A	20010508		

Priority Applications (No Type Date): US 2000229275 P 20000830; US 2001850817 A 20010508

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020046185	A1		11	G06F-017/60	Provisional application US 2000229275

Abstract (Basic): US 20020046185 A1

NOVELTY - A server (130) is configured to execute a payment processing application in response to a set of customer financial **account** data received from a **POS** device (102). The server then sends the payment processing status to the **POS** device after executing the payment processing application.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Electronic funds transfer **point** of **sale** apparatus;

(2) Wireless application protocol enabled **point** of **sale** device; and

(3) Wireless application protocol enabled **point** of **sale** device usage method.

USE - Electronic funds transfer **point** of **sale** (EFTPOS) system used for sending credit card based messages to small screened devices such as cellular telephone, **PDA** , notebook type computer.

ADVANTAGE - Reconfiguration of system is possible without any alteration of hardware or any EFTPOS terminals. Improves security during **transactions** . Facilitates mobility, and lower infrastructure

cost of **POS** **transaction** system, and simplifies payment processing for a system.

DESCRIPTION OF DRAWING(S) - The figure shows a **POS** **transaction** system that incorporates a proxy server.

POS device (102)

Server (130)

pp; 11 DwgNo 1/4

Title Terms: POINT; **SALE** ; **TRANSACTION** ; SYSTEM; SERVE; EXECUTE; PAY; PROCESS; APPLY; RESPOND; CUSTOMER; FINANCIAL; **ACCOUNT** ; DATA; **POS** ; DEVICE; SEND; PAY; PROCESS; STATUS

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/16 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014622587 **Image available**

WPI Acc No: 2002-443291/200247

XRPX Acc No: N02-349226

Wireless electronic couponing method for e-commerce, involves transferring **economic credit data of point of scale from coupon database to wireless telephone through network**

Patent Assignee: LOPEZ K D (LOPE-I); ORTIZ L M (ORTI-I)

Inventor: LOPEZ K D; ORTIZ L M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020042753	A1	20020411	US 2000238590	P	20001006	200247	B
			US 2001962661	A	20010925		

Priority Applications (No Type Date): US 2000238590 P 20001006; US 2001962661 A 20010925

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020042753	A1		52	G06F-017/60	Provisional application US 2000238590

Abstract (Basic): US 20020042753 A1

NOVELTY - A hand held device (40) such as wireless telephone **receives** and stores an electronic coupon representing a type of negotiable economic credit from a coupon database (36), in a **memory** , through a network (38) communicating with a **point** -of- **sale** , when a request is **sent** by the hand-held device to the network.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic couponing system.

USE - For e-commerce business utilizing hand-held devices such as **PDA** , wireless telephone, **pager** , WAP enabled mobile phone, other mobile computing and storage devices.

ADVANTAGE - Negotiable economic credits are implemented as actual electronic currency thus avoiding third-party intervention. Network is linked with security module for providing password protection for users.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram representing the electronic couponing system utilizing a **handheld device** .

Coupon database (36)

Network (38)

Hand held device (40)

pp; 52 DwgNo 3/37
Title Terms: WIRELESS; ELECTRONIC; METHOD; **TRANSFER** ; ECONOMY; CREDIT; DATA; POINT; SCALE; COUPON; DATABASE; WIRELESS; TELEPHONE; THROUGH; NETWORK
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

15/5/17 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014613744 **Image available**
WPI Acc No: 2002-434448/200246
XRPX Acc No: N02-341958
Negotiable economic credit processing method for e-commerce based transactions, involves storing economic credits received **from third-party provider within** memory **of hand-held device**
Patent Assignee: LOPEZ K D (LOPE-I); ORTIZ L M (ORTI-I)
Inventor: LOPEZ K D; ORTIZ L M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020042743	A1	20020411	US 2000238568	P	20001006	200246 B
			US 2001962675	A	20010925	

Priority Applications (No Type Date): US 2000238568 P 20001006; US 2001962675 A 20010925
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020042743	A1		52	G06F-017/60	Provisional application US 2000238568

Abstract (Basic): US 20020042743 A1
NOVELTY - The economic credits from a third-party provider communicative with a hand-held device (40), are **transferred** to the respective hand-held device. The **transferred** credits are stored within a **memory** of the hand-held device for retrieval and processing at a **point** -of- **sale** terminal.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for negotiable economic credit processing system.
USE - For processing negotiable economic credits such as electronic cash, coupon, enterprise award, incentives, for conducting electronic commerce transactions using hand-held devices such as wireless **PDA** such as **PalmPilot PDA** , Handspring Visor, IBM Workpad, WINDOW CE compatible device, **pager** such as RIM Blackberry-family **pager** , Motorola **pager** , Symbol SPT-family of **PDA** -type organizer device, WAP enabled cellular telephone, combined cellular phone and **PDA** e.g. Handspring Palmtop, Palm-Motorola phone through networks such as internet, **paging** network, wireless intelligent network, GSM network, PCS network, cellular digital packet data (CDPD) network.
ADVANTAGE - Enables efficient and reliable processing of economic credits in a simple manner.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the wireless electronic couponing system utilizing hand-held device.
Hand-held device (40)
pp; 52 DwgNo 3/37
Title Terms: NEGOTIATE; ECONOMY; CREDIT; PROCESS; METHOD; BASED; TRANSACTION; STORAGE; ECONOMY; CREDIT; **RECEIVE** ; THIRD; PARTY; **MEMORY** ; HAND; HELD; DEVICE

Derwent Class: T01; T05; W01; W02
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

15/5/18 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014613595 **Image available**
WPI Acc No: 2002-434299/200246
Related WPI Acc No: 2002-416529; 2002-434293
XRPX Acc No: N02-341811

Integrated customer management system used with point-of- sales **system analyses commodity** purchase **information and commodity preference of customer based on result of processed commodity information**

Patent Assignee: SECUBAY CORP (SECU-N)
Inventor: EOM D; GWON H; OH C; SHIN Y
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020040341	A1	20020404	US 2001968160	A	20011001	200246	B

Priority Applications (No Type Date): KR 200057214 A 20000929
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020040341	A1		9	G06F-017/60	

Abstract (Basic): US 20020040341 A1

NOVELTY - A **processor** (340) **transfers** the customer information and commodity information which is obtained from scanned barcoded data on cellular phone to the **processor** (320). The **processor** (320) calculates the total **amount** of **money** to be paid by the customer and **transfers** calculated result to a credit card company. The **processor** (350) processes the information **received** from the **processor** (320) and analyses the commodity **purchase** information and the commodity preference.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for customer management method.

USE - Customer management system using liquid crystal display (LCD) barcode displayed on mobile terminal such as cellular phone, **personal digital assistant** (**PDA**) and **pager** , and used with point-of-**sales** (**POS**) system and electronic **purchase** system in theater, concert hall, playing ground and other places employing tickets, and in department store, fast food restaurant beauty salon, large scale supermarket.

ADVANTAGE - The use of barcodes enable low cost implementation of the system which rapidly and accurately acquires **purchase** details and propensities of the customer by linking with **POS** system effectively. The use of cellular phone eliminates the need for carrying customer management cards or coupons and enables the system to rapidly **transfer** the desired information to customers at any place. Effective marketing is done based on the acquired **purchase** information. Since the system manages the customers during both inline and offline **purchase** , the efficiency of the system is increased.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the customer management system.

Processors (320,340,350)

pp; 9 DwgNo 1/4

Title Terms: INTEGRATE; CUSTOMER; MANAGEMENT; SYSTEM; POINT; **SALE** ; SYSTEM

; ANALYSE; COMMODITY; **PURCHASE** ; INFORMATION; COMMODITY; PREFER; CUSTOMER; BASED; RESULT; PROCESS; COMMODITY; INFORMATION
Derwent Class: T01; T04; T05; W01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

15/5/19 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014482638 **Image available**
WPI Acc No: 2002-303341/200234
XRPX Acc No: N02-237329
Agent-based e-commerce transaction **system maintains escrow** account **with** transaction **privacy clearing house for receiving and dispersing forms of remuneration of authorized** transactions
Patent Assignee: SONY ELECTRONICS INC (SONY)
Inventor: LUDTKE H A; MARITZEN L M; TADAFUSA T; TSUKAMURA-SAN Y
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020026423	A1	20020228	US 2000228009	P	20000823	200234	B
			US 2000737274	A	20001212		

Priority Applications (No Type Date): US 2000228009 P 20000823; US 2000737274 A 20001212
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020026423	A1		17	H04K-001/00	Provisional application US 2000228009

Abstract (Basic): US 20020026423 A1
NOVELTY - The **point** of **sale** terminal (20) identifies user **transaction** device (16) such as digital wallet for communication by **transaction** privacy processing clearing house (22), that authorizes **transaction** on behalf of user. An escrow **account** (32) is maintained in the clearing house for receiving and dispersing forms of remuneration associated with authorized **transactions** .
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Apparatus for performing electronic commerce;
(b) Method for permitting users to conduct electronic commerce **transactions**
USE - For e-commerce **transactions** using agent-based model, digital wallets, smart cellular phones, kiosks, **personal digital assistants** (**PDAs**), personal computers (PCs), privacy cards, etc., at an infrastructure level **transaction** model, capable of providing consumer incentives.
ADVANTAGE - Suits for any business applications. Is fully automated. The clearings can be done in any forms like physical currency, digital currency, credit and barter. The information about user need not be shared with vendor.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of e-commerce system.
User **transaction** device (16)
Point of **sale** terminal (20)
Transaction privacy processing clearing house (22)
Escrow **account** (32)
pp; 17 DwgNo 1/8
Title Terms: AGENT; BASED; **TRANSACTION** ; SYSTEM; MAINTAIN; ESCROW;

ACCOUNT ; **TRANSACTION** ; PRIVATE; CLEAR; HOUSE; RECEIVE; DISPERSE; FORM; AUTHORISE; **TRANSACTION**
Derwent Class: T01; T05; W01
International Patent Class (Main): H04K-001/00
International Patent Class (Additional): G06F-017/60; H04L-009/00
File Segment: EPI

15/5/20 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014471875 **Image available**
WPI Acc No: 2002-292578/200234
XRPX Acc No: N02-228453
Integrated circuit has network communication port to transfer **information to network and supplementary port to** transfer **information to local environment**
Patent Assignee: RT CONTROL (RTCO-N)
Inventor: DIONNE D J; DURRANT M D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2308654	A1	20011117	CA 2308654	A	20000517	200234	B

Priority Applications (No Type Date): CA 2308654 A 20000517
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2308654	A1	E	12	G06F-019/00	

Abstract (Basic): CA 2308654 A1
NOVELTY - The integrated circuit has a network communication port to **transfer** information to a network, and a supplementary port to **transfer** information to a local environment. A set of instructions is distributed between a microprocessor and a **memory** (12) for providing an operating system for controlling and formatting information to be **transferred** through the network.
USE - For use in building access and security systems, robotic controller, **POS** terminal, routing terminal and consumer product including **pager** , cell phone, game machine, smart telephone, TV and programmable video cassette recorder.
ADVANTAGE - The integrated circuit allows a designer to provide a network connectivity to the consumer products, which are not originally designed for such network connectivity, with minimal integrated. Also the designer is not required to design hardware component, to perform specific task, thus the designer need not to be concerned with the details of the network connection.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the computer module.
Memory (12)
pp; 12 DwgNo 1/2
Title Terms: INTEGRATE; CIRCUIT; NETWORK; COMMUNICATE; PORT; **TRANSFER** ; INFORMATION; NETWORK; SUPPLEMENTARY; PORT; **TRANSFER** ; INFORMATION; LOCAL ; ENVIRONMENT
Derwent Class: T01; T05; T06; W01; W04; W05; X25
International Patent Class (Main): G06F-019/00
International Patent Class (Additional): H04L-029/10
File Segment: EPI

15/5/21 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014432480 **Image available**
WPI Acc No: 2002-253183/200230
Related WPI Acc No: 1991-355394; 1995-156939; 1997-258407; 1999-384197; 2000-204590; 2000-429821; 2002-204477; 2002-253673
XRPX Acc No: N02-195294

Mirror sub-assembly for optical scanner, has wafer cover including mirror stop to limit movement of mirror mounted on frame on which mirror is arranged

Patent Assignee: SYMBOL TECHNOLOGIES INC (SYMB-N)
Inventor: DVORKIS P; FAZEKAS P; GROSSFELD H; STERN M; TAN C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6257491	B1	20010710	US 93141342	A	19931025	200230 B
			US 95506574	A	19950725	
			US 96631364	A	19960412	
			US 2000519576	A	20000306	

Priority Applications (No Type Date): US 96631364 A 19960412; US 93141342 A 19931025; US 95506574 A 19950725; US 2000519576 A 20000306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6257491	B1		27	G06K-007/10	Cont of application US 93141342 CIP of application US 95506574 Cont of application US 96631364

Abstract (Basic): US 6257491 B1

NOVELTY - Electrodes that supply electrical supply are mounted on a wafer substrate (100). A mirror (14) that oscillates in response to supplied energy, is mounted on a frame (102) on substrate. Wafer cover (104) containing a mirror stop (116) spaced apart from the electrodes to limit movement of mirror during mechanical shock, is mounted on frame. A transparent cover sheet is provided on wafer cover, opposing frame.

USE - For optical scanner such as laser beam scanner, moving beam laser scanner, barcode reader, pen scanner, telephone scanner, **PC** card used in data processing system applied in **point** -of- **sale** processing, inventory control, etc.

ADVANTAGE - A small, robust, inexpensive, compact optical module requiring small **amount** of current for operation is obtained efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows layered construction of mirror sub-assembly.

Mirror (14)
Substrate (100)
Frame (102)
Wafer cover (104)
Mirror stop (116)
pp; 27 DwgNo 11/23

Title Terms: MIRROR; SUB; ASSEMBLE; OPTICAL; SCAN; WAFER; COVER; MIRROR; STOP; LIMIT; MOVEMENT; MIRROR; MOUNT; FRAME; MIRROR; ARRANGE
Derwent Class: T04; U12; V07
International Patent Class (Main): G06K-007/10
File Segment: EPI

15/5/22 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014419478 **Image available**
WPI Acc No: 2002-240181/200229
XRPX Acc No: N02-185345

Card insertion type mobile communication device e.g. portable telephone, has card implementation unit which implements card product unrelated to normal operation of device

Patent Assignee: CARDSOFT INT PTY LTD (CARD-N)
Inventor: OGILVY I C
Number of Countries: 095 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200180193	A1	20011025	WO 2001AU435	A	20010417	200229	B
AU 200150162	A	20011030	AU 200150162	A	20010417	200229	

Priority Applications (No Type Date): AU 20002608 A 20000417
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200180193	A1	E	34	G07F-019/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200150162	A		G07F-019/00	Based on patent WO 200180193

Abstract (Basic): WO 200180193 A1

NOVELTY - An implementation unit (2) implements a card product which is unrelated to normal operation of mobile communication device. The implementation unit includes a contactless smart card which communicates with smart card reader through contact array. Information regarding card operation is displayed in display device during card insertion.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a **portable memory device** reader;
(b) an adaptor for **portable memory device** ;
(c) an automatic teller machine;
(d) a method of implementing a card product; and
(e) a **point** -of- **sale** device.

USE - Mobile communication device e.g. portable telephone with facility for insertion of cards for use in electronic funds **transfer** at **point** -of- **sale** in supermarket, vending machines, retail outlets also in field of transport, ticketing, identification, financial **transaction** .

ADVANTAGE - Since the mobile communication device includes a card implementation unit which includes card products required by a user, the user need not carry separate cards. Enables user to view **transaction** information such as an **account** balance in card implementation unit through the display unit.

DESCRIPTION OF DRAWING(S) - The figure shows the rear view of mobile communication device.

Implementation unit (2)

pp; 34 DwgNo 4/8

Title Terms: CARD; INSERT; TYPE; MOBILE; COMMUNICATE; DEVICE; PORTABLE; TELEPHONE; CARD; IMPLEMENT; UNIT; IMPLEMENT; CARD; PRODUCT; UNRELATED; NORMAL; OPERATE; DEVICE

Derwent Class: T01; T04; T05; W01; X25
International Patent Class (Main): G07F-019/00
International Patent Class (Additional): G06F-157/00; G06K-019/00; G06K-019/07; G07F-007/08; H04M-011/00; H04Q-007/32
File Segment: EPI

15/5/23 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014418717 **Image available**
WPI Acc No: 2002-239420/200229
XRPX Acc No: N02-184597

Collecting data for an electronic impulse transaction system for impulse purchases, information requests and interactivity by obtaining second programming guide information from second broadcasting source

Patent Assignee: MINUSHKIN J S (MINU-I)
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200157759	A1	20010809	WO 2001US2781	A	20010126	200229	B
AU 200133068	A	20010814	AU 200133068	A	20010126	200229	

Priority Applications (No Type Date): US 2000496224 A 20000201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200157759	A1	E	127	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200133068	A		G06F-017/60	Based on patent WO 200157759

Abstract (Basic): WO 200157759 A1

NOVELTY - A first programming guide information is obtained from a first broadcasting source. A first transaction information associated with the programming is obtained in the first programming guide information and a first product or service. A second programming guide information is obtained from a second broadcasting source. A second transaction information associated with the programming in the second programming guide information is obtained and a second product or service. A compilation of all the obtained information is then **transmitted** .

USE - In electronic a multi-function device and associated network is established to allow impulse purchases, information requests and interactivity for various media and sources of products and services.

ADVANTAGE - Controls a television set or radio **receiver** . As the channel is changed, the **portable device** displays products or services associated with the current content of the programming provided by the television or radio **receivers** . If the user is interested in a song being played, the user selects the song and depresses a purchase or request for information button on the **portable device** . Other functions that may be provided on the **portable device** include personal data assistance, cellular phones, radio frequency phones, **pagers** or other electronic device functionality. May be used as an electronic wallet. Financial **transfers** are performed using secure communications. Products or services are

purchased at the **point** of **sale** or in response to programming without the manual exchange of a credit card, avoiding fraud. If the electronic wallet is stolen, then all transactions using that electronic wallet are disabled. Using cellular radio frequency communications, the location of the electronic wallet may be obtained by triangulation.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of one embodiment of a network for providing impulse transaction.

pp; 127 DwgNo 1/15

Title Terms: COLLECT; DATA; ELECTRONIC; IMPULSE; TRANSACTION; SYSTEM; IMPULSE; PURCHASE; INFORMATION; REQUEST; OBTAIN; SECOND; PROGRAM; GUIDE; INFORMATION; SECOND; BROADCAST; SOURCE

Derwent Class: T01; T04; T05; W01; W02; W03

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

15/5/24 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014387761 **Image available**

WPI Acc No: 2002-208464/200227

XRPX Acc No: N02-159013

Point **of** sale **service access method and system for making payment using a mobile phone, secure communication link is established between the mobile station and the** point **of** sale **based on the unique identity of the mobile device**

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO); KANTOLA M (KANT-I); PARKKINEN J (PARK-I)

Inventor: KANTOLA M; PARKKINEN J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2362070	A	20011107	GB 200010982	A	20000505	200227 B
US 20020004374	A1	20020110	US 2001848515	A	20010503	200227

Priority Applications (No Type Date): GB 200010982 A 20000505

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2362070	A		19	H04Q-007/38	
US 20020004374	A1			H04B-001/38	

Abstract (Basic): GB 2362070 A

NOVELTY - The service access point (10) has a reader (18) used to obtain identification information which includes a unique device address of the mobile stations (8a-8d). The identification can be provided by a radio frequency tag, a magnetic strip or as a barcode (102) displayed on the mobile display. The secure communication link is established between the mobile station and the **point** of **sale** based on the unique identity of the mobile device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of establishing a communication between a **portable** communication **device** and another party.

USE - The mobile station can be used to communicate with an automatic teller machine (ATM) e.g. withdrawal of cash or to obtain tickets for a film, concert, match etc.

ADVANTAGE - The mobile station is used to make **transaction** and effectively acts as a credit or a debit card and can also be used to obtain information such as train times from the information kiosk.

Credit card information for **money** transfer is done using a unique device address, to established a communication link between the service access point and the mobile station.

DESCRIPTION OF DRAWING(S) - Figure 2 shows a block diagram of the system.

Figure 5 shows a mobile terminal with a bar code used for identification process.

Mobile stations (8a-8d)
Service access point (10)
Reader (18)
Barcode (102)
pp; 19 DwgNo 2,5/7

Title Terms: POINT; **SALE** ; SERVICE; ACCESS; METHOD; SYSTEM; PAY; MOBILE; TELEPHONE; SECURE; COMMUNICATE; LINK; ESTABLISH; MOBILE; STATION; POINT; **SALE** ; BASED; UNIQUE; IDENTIFY; MOBILE; DEVICE
Derwent Class: T04; T05; W01; W02
International Patent Class (Main): H04B-001/38; H04Q-007/38
International Patent Class (Additional): G07B-015/00; G07F-007/10; H04M-017/00
File Segment: EPI

15/5/25 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014326391 **Image available**
WPI Acc No: 2002-147093/200219
XRPX Acc No: N02-111506
Electronic transaction **establishment method using Internet, involves transmitting anonymous** account **information read from CD-ROM of** transaction **device to transfer funds between anonymous** account **and** POS **merchant** account
Patent Assignee: RESNECK J D (RESN-I)
Inventor: RESNECK J D
Number of Countries: 096 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020002545	A1	20020103	US 2000215181	P	20000629	200219	B
			US 2001886357	A	20010620		
WO 200203293	A1	20020110	WO 2001US20502	A	20010626	200219	
AU 200173037	A	20020114	AU 200173037	A	20010626	200237	

Priority Applications (No Type Date): US 2000215181 P 20000629; US 2001886357 A 20010620
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020002545	A1		15	G06F-017/60	Provisional application US 2000215181
WO 200203293	A1	E		G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200173037	A			G06F-017/60	Based on patent WO 200203293

Abstract (Basic): US 20020002545 A1
NOVELTY - An anonymous **account** access information stored in a

CD-ROM (16) of a **portable transaction device** (10), is read by an optical data reader, a magnetic data reader or an electronic data reader, and transmitted through communication network in order to access the anonymous **account** and to transfer funds between the anonymous **account** and an **account** held by a **point** -of- **sale** (**POS**) merchant.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Method of preserving anonymity of customer;

(b) Data processing system;

(c) Computer program product for electronic **transaction** establishment

USE - For electronic **transaction** establishment using Internet in traditional brick and mortar establishment in virtual world of electronic commerce, shipping carrier system.

ADVANTAGE - Because the **account** of the customer is concealed from the on-line merchant, anonymity of addressee is preserved.

DESCRIPTION OF DRAWING(S) - The figure shows an elevational view of electronic **transaction** device.

Portable transaction device (10)

CD-ROM (16)

pp; 15 DwgNo 1/7

Title Terms: ELECTRONIC; **TRANSACTION** ; ESTABLISH; METHOD; TRANSMIT; **ACCOUNT** ; INFORMATION; READ; CD; ROM; **TRANSACTION** ; DEVICE; TRANSFER; FUND; **ACCOUNT** ; **POS** ; MERCHANT; **ACCOUNT**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/26 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014318626 **Image available**

WPI Acc No: 2002-139328/200218

XRPX Acc No: N02-105065

Data obtaining method involves determining type of received **data that matches with desired type of communication data**

Patent Assignee: CRITICALARC TECHNOLOGIES INC (CRIT-N)

Inventor: HEMMETER C R; NAGELMANN F; ROUSSEAU W F; WESCOTT C A; YOUNGE B H

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200180141	A1	20011025	WO 2001US12500	A	20010417	200218	B
AU 200151656	A	20011030	AU 200151656	A	20010417	200219	

Priority Applications (No Type Date): US 2000550758 A 20000417

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200180141	A1	E	44	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200151656	A		G06F-017/60	Based on patent WO 200180141

Abstract (Basic): WO 200180141 A

NOVELTY - Information about a desired type of communication data to be obtained from a datastream is stored in a **memory** . The datastream is monitored to identify the type of communication data without interfering datastream. The **transmitted** type of data matching with the desired type of communication data is determined based on stored information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Apparatus for capturing communication data **transmitted** on communication line;

(b) Communication system;

(c) Article of manufacture to provide financial information;

(d) Method for providing financial information

USE - For obtaining information regarding credit card transactions **transmitted** from **POS** terminal to bank host terminal such as general purpose computers, personal computer, televisions, telephones, **pagers** , palmtop computers, and any other electronic, mechanical or electro-mechanical device through PSTN, LAN, WAN, cable network, IP network, internet, extranet, intranet, microwave or satellite networks.

ADVANTAGE - Obtains **transmitted** or **received** data in dial-up connection without disturbing normal operation of dial-up terminals and increases the transaction speed efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustrating a **point** -of- **sale** system.

Dwg.2/10

Title Terms: DATA; OBTAIN; METHOD; DETERMINE; TYPE; **RECEIVE** ; DATA; MATCH; TYPE; COMMUNICATE; DATA

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

15/5/27 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014280073 **Image available**

WPI Acc No: 2002-100774/200214

XRPX Acc No: N02-074582

Credit payment system for money **transfer between debit and credit cards, has** POS **terminal that reduces content of IC card based on goods** purchased

Patent Assignee: DELPHIS KK (DELP-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001306976	A	20011102	JP 2000115458	A	20000417	200214	B

Priority Applications (No Type Date): JP 2000115458 A 20000417

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001306976	A		5	G06F-017/60	

Abstract (Basic): JP 2001306976 A

NOVELTY - The management center enables **transaction** of fixed **money** automatically to parent card for every fixed period. The **PC** increases content of IC card based on **transaction amount** . The **POS** terminal reduces content of IC card based on goods **purchased** or service received.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for credit payment method.

USE - For **money** transfer to prepaid card in communication network or circulation channel from credit card.

ADVANTAGE - Simplifies management of payment frequency and **money** of IC card by automating each transfer between parent card and IC card.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of payment process. (Drawing includes non-English language text).

pp; 5 DwgNo 1/1

Title Terms: CREDIT; PAY; SYSTEM; **MONEY** ; TRANSFER; DEBIT; CREDIT; CARD; **POS** ; TERMINAL; REDUCE; CONTENT; IC; CARD; BASED; GOODS; **PURCHASE**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12; G07G-001/14

File Segment: EPI

15/5/28 (Item 22 from file: 350)

014241088 **Image available**

WPI Acc No: 2002-061788/200208

XRPX Acc No: N02-045892

Payment authentication method making use of a client's mobile phone that can connect via a wireless interface to a payment terminal with the two devices also connecting separately to a central unit to authenticate the transaction

Patent Assignee: SWISSCOM MOBILE AG (SWIS-N); SWISSCOM AG (SWIS-N)

Inventor: LAUPER E; RITTER R; SCHLEGEL G

Number of Countries: 091 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200169555	A1	20010920	WO 99CH623	A	19991223	200208	B
AU 200016463	A	20010924	WO 99CH623	A	19991223	200208	
			AU 200016463	A	19991223		
EP 1240632	A1	20020918	EP 99959167	A	19991223	200269	
			WO 99CH623	A	19991223		

Priority Applications (No Type Date): WO 99CH623 A 19991223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200169555	A1	G	30	G07F-019/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200016463	A		G07F-019/00	Based on patent WO 200169555
EP 1240632	A1	G	G07F-019/00	Based on patent WO 200169555

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 200169555 A1

NOVELTY - Payment authentication method makes use of a client's mobile phone to add a level of security to a **transaction** as the mobile phone user will have a subscriber identification number that can be used to check his credit level, if the phone is stolen, etc.

DETAILED DESCRIPTION - Payment authentication method in which a payment terminal informs the client concerned of its identification number and a **transaction amount** . The client then enters this number into his mobile phone (1) which transmits an **transaction** initiation document consisting of client and payment terminal identification numbers to the payment terminal via a wireless interface (11, 21) and to a central **transaction** unit (4) via a mobile phone network (6). The payment terminal then sends a **transaction** task document containing **point** of **sale** identification, terminal identification and the **transaction amount** to the central **transaction** unit via network (3). The central unit transmits a payment request to the mobile phone (1) from which the **transaction** initiation document was transmitted.

An INDEPENDENT CLAIM is made for a payment authentication system based on mobile phone telephony.

USE - Payment authentication using mobile phone telephony at **point** of **sale** to increase security. The invention can be used with a **laptop** , **PDA** , mobile phone, etc.

ADVANTAGE - Security is increased by using already available equipment, i.e. there is little extra expense.

DESCRIPTION OF DRAWING(S) - Figure shows a schematic view of the invention.

mobile phones (1)
payment terminals (2)
wireless interface between phone and terminal (11, 21)
central **transaction** unit (4)
mobile phone networks. (3, 6)
pp; 30 DwgNo 1/2

Title Terms: PAY; AUTHENTICITY; METHOD; CLIENT; MOBILE; TELEPHONE; CAN; CONNECT; WIRELESS; INTERFACE; PAY; TERMINAL; TWO; DEVICE; CONNECT; SEPARATE; CENTRAL; UNIT; AUTHENTICITY; **TRANSACTION**
Derwent Class: T01; T05; W01
International Patent Class (Main): G07F-019/00
File Segment: EPI

15/5/29 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014233791 **Image available**
WPI Acc No: 2002-054489/200207
Related WPI Acc No: 1999-633773; 2002-130154; 2002-328779; 2002-361544; 2002-566314
XRPX Acc No: N02-040125

Identity verification device for hotel, hospital, generates identity verification signals by comparing finger print images of index finger and thumb, with reference finger print images

Patent Assignee: BLACK G R (BLAC-I)
Inventor: BLACK G R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6307956	B1	20011023	US 9880962	A	19980407	200207 B
			US 9888498	A	19980608	
			US 98109511	A	19981123	
			US 99114632	A	19990104	
			US 99116212	A	19990119	
			US 99119408	A	19990210	
			US 99144028	A	19990716	
			US 99154590	A	19990917	

US 99163433 A 19991103
US 2000490687 A 20000124

Priority Applications (No Type Date): US 2000490687 A 20000124; US 9880962 P 19980407; US 9888498 P 19980608; US 98109511 P 19981123; US 99114632 P 19990104; US 99116212 P 19990119; US 99119408 P 19990210; US 99144028 P 19990716; US 99154590 P 19990917; US 99163433 P 19991103

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6307956	B1		33	G06K-009/00	Provisional application US 9880962 Provisional application US 9888498 Provisional application US 98109511 Provisional application US 99114632 Provisional application US 99116212 Provisional application US 99119408 Provisional application US 99144028 Provisional application US 99154590 Provisional application US 99163433

Abstract (Basic): US 6307956 B1

NOVELTY - Sensors capture finger print images of index finger and thumb. A **processor** generates identity verification signals by comparing captured images with reference finger print images.

USE - For verifying identification of accessors of **point** of **sale** terminal, pen-based computer, smart pens, **portable computer** , **lap - top** computer, palm-type and hand-held computers, any time **money** (ATM) terminal, car, cellular phone, desktop personal computer (**PC**), workstation, electronic commerce **transactions** , financial **transactions** through telephone and wire, hospitals for identifying people seeking public assistance, medicare, government and insurance benefits, hotels.

ADVANTAGE - Enables efficient biometric sensing by a simple circuit by using sensors only in the stylus and without the need for a master databank of biometric points.

DESCRIPTION OF DRAWING(S) - The figure shows a writing stylus with fingerprint sensors.

pp; 33 DwgNo 2A/20

Title Terms: IDENTIFY; VERIFICATION; DEVICE; HOTEL; HOSPITAL; GENERATE; IDENTIFY; VERIFICATION; SIGNAL; COMPARE; FINGER; PRINT; IMAGE; INDEX; FINGER; THUMB; REFERENCE; FINGER; PRINT; IMAGE

Derwent Class: S05; T04; W02

International Patent Class (Main): G06K-009/00

International Patent Class (Additional): H04K-001/00

File Segment: EPI

15/5/30 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014228896 **Image available**

WPI Acc No: 2002-049594/200206

XRPX Acc No: N02-036635

Computer implemented recurrent billing maintenance system for banks, has process server which updates customer database of merchant, in accordance with merchant processing request data file

Patent Assignee: AMERICAN EXPRESS TRAVEL RELATED SERVICES (AMEX-N); BAILEY M S (BAIL-I); CATO L G (CATO-I); CRUZ A (CRUZ-I); FREEMAN T (FREE-I); GANOE N S (GANO-I); GRIGGS F (GRIG-I); HOLT D H (HOLT-I); MILTON C (MILT-I); PETERS P K (PETE-I); PETERSEN P M (PETE-I); PHILLIPS S (PHIL-I)

; ZINKY A T (ZINK-I)
Inventor: BAILEY M S; CATO L G; CRUZ A; FREEMAN T; GANOE N S; GRIGGS F; HOLT D H; MILTON C; PETERS P K; PETERSEN P M; PHILLIPS S; ZINKY A T
Number of Countries: 096 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200189924	A2	20011129	WO 2001US17238	A	20010524	200206 B
US 20020004770	A1	20020110	US 2000206916	P	20000525	200208
			US 2001865878	A	20010525	
AU 200165078	A	20011203	AU 200165078	A	20010524	200221

Priority Applications (No Type Date): US 2000206916 P 20000525; US 2001865878 A 20010525
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200189924	A2	E	47	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020004770	A1	G06F-017/60	Provisional application US 2000206916	
AU 200165078	A	G06F-017/60	Based on patent WO 200189924	

Abstract (Basic): WO 200189924 A2

NOVELTY - A merchant process server appends a merchant processing request to customer **accounts** to produce merchant processing request data file. A process server compares the data file with a merchant's customer database, to produce a comparison data file which has records including compilation of accepted/rejected requests respectively. The process server updates database according to the merchant processing request data file.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for merchant customer **account** database updating method.

USE - In banks, utilities, service organizations, service stores, for updating the customer **account** database through computer network such as Internet, intranet, LAN, WAN, extranet, telephone network, satellite communication, kiosk, **point** -of- **sale** equipment, cellphone, **personal digital assistant** , online communication and offline communication.

ADVANTAGE - Automatically updates the customer database in response to changes made to the customer's **transaction account** information or credit card privilege status and enables managing remote database information.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the process for performing provider change both **transaction** .

pp; 47 DwgNo 12/12

Title Terms: COMPUTER; IMPLEMENT; RECURRENCE; BILL; MAINTAIN; SYSTEM; BANK; PROCESS; SERVE; UPDATE; CUSTOMER; DATABASE; MERCHANT; ACCORD; MERCHANT; PROCESS; REQUEST; DATA; FILE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/31 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014141065 **Image available**
WPI Acc No: 2001-625276/200172
XRPX Acc No: N01-466035

Service transaction **monitoring system e.g. for monitoring dispensing of liquids such as beverages dispensed at bar or restaurant, has sensor which attaches to exterior of container and detects dispensing events**

Patent Assignee: TELLER D M (TELL-I)
Inventor: TELLER D M
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200143096	A2	20010614	WO 2000US33289	A	20001208	200172 B
AU 200120729	A	20010618	AU 200120729	A	20001208	200172
US 20020070861	A1	20020613	US 99169918	A	19991210	200243
			US 2000733719	A	20001208	
EP 1238403	A2	20020911	EP 2000984050	A	20001208	200267
			WO 2000US33289	A	20001208	

Priority Applications (No Type Date): US 99169918 P 19991210; US 2000733719 A 20001208
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200143096	A2	E	80	G08B-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200120729	A		G08B-000/00	Based on patent WO 200143096
US 20020070861	A1		G08B-013/14	Provisional application US 99169918
EP 1238403	A2	E	H01H-035/02	Based on patent WO 200143096

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200143096 A2

NOVELTY - The sensor attaches to the exterior of a container and detects dispensing events by sensing tilt or motion of the container, which could include a bottle or a handle. The system has an electronic sensor device, data **receiver** , personal computer, bottle opener/camera system, bar code scanner, **point** of **sale** , bar camera, network, Web server, and **paging** system. The sensor automatically detects and monitors dispensing events, including detecting the type and **amount** of liquid, reconciling dispensing events with register ring-ups, recording information, saving video specific to the dispensing event, and **sending** a page indicating anomalies

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a system, and a method of monitoring the dispensing of a liquid from a container

USE - For monitoring dispensing of liquids such as beverages dispensed at bar or restaurant

ADVANTAGE - Automatically monitors dispensing events.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram showing the components of the preferred embodiment of the system.

pp; 80 DwgNo 1/19

Title Terms: SERVICE; **TRANSACTION** ; MONITOR; SYSTEM; MONITOR; DISPENSE; LIQUID; BEVERAGE; DISPENSE; BAR; RESTAURANT; SENSE; ATTACH; EXTERIOR; CONTAINER; DETECT; DISPENSE; EVENT
Derwent Class: T05; W01; W05

International Patent Class (Main): G08B-000/00; G08B-013/14; H01H-035/02
International Patent Class (Additional): H01H-029/20
File Segment: EPI

15/5/32 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014000004 **Image available**
WPI Acc No: 2001-484218/200153
XRPX Acc No: N01-358424
Customer account **fraud detection and notification system for e.g. credit card** point **of** sale **devices using world wide web and electronic mail notification**
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)
Inventor: PALMQUIST J M
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1067492	A2	20010110	EP 2000305196	A	20000620	200153	B
JP 2001067421	A	20010316	JP 2000199724	A	20000630	200153	
CA 2312012	A1	20001230	CA 2312012	A	20000620	200153	

Priority Applications (No Type Date): US 99343813 A 19990630
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1067492	A2	E	15	G07F-019/00	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2001067421	A		40	G06F-017/60	
CA 2312012	A1	E		H04Q-007/36	

Abstract (Basic): EP 1067492 A2
NOVELTY - Provides a notification message to a subscriber of the service when a subscriber's **account** is used. The **transaction** notification system includes one or more **transaction** devices to be monitored, a **transaction** processing central computer associated with a **transaction** processing center, and one or more **transaction** notification devices that are used to notify the subscriber.
DETAILED DESCRIPTION - The subscriber notification device 15 can be, for example, but not limited to, any of the following: a computer has an electronic mail (e-mail) software program (e-mail computer), a **pager** , a facsimile machine, a computer maintaining a website on the World Wide Web (WWW) associated with the well known Internet (website computer), etc. INDEPENDENT CLAIMs are included for a method and a computer system.
USE - For enabling early detection and prevention of consumer **account** fraud. E.g. for a credit card **point** -of- **sale** (**POS**) device, a cellular telephone, an automated teller machine (ATM), a stockbroker computer, a shipment order computer, a utility company computer, a bank computer, a medical insurance company computer, etc.
ADVANTAGE - Provides integrated and automated system to prevent fraud and provide improved protection to the consumer.
DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the system
pp; 15 DwgNo 1/6
Title Terms: CUSTOMER; **ACCOUNT** ; FRAUD; DETECT; NOTIFICATION; SYSTEM; CREDIT; CARD; POINT; **SALE** ; DEVICE; WORLD; WIDE; WEB; ELECTRONIC; MAIL; NOTIFICATION

Derwent Class: T01; T05; W01; W02
International Patent Class (Main): G06F-017/60; G07F-019/00; H04Q-007/36
International Patent Class (Additional): G07D-009/00; G07F-007/08; H04B-007/005; H04L-009/32
File Segment: EPI

15/5/33 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013913140 **Image available**
WPI Acc No: 2001-397353/200142
XRPX Acc No: N01-292830

Prepaid mobile telephone air-time replenishing system with a communication hub to communicate between any of a variety of user interface terminals and select a service provider

Patent Assignee: ON-POINT TECHNOLOGY SYSTEMS INC (ONPO-N)
Inventor: ROBERTS B J; SANDVICK F
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200111857	A1	20010215	WO 2000US20608	A	20000728	200142	B
AU 200064992	A	20010305	AU 200064992	A	20000728	200142	

Priority Applications (No Type Date): US 99370796 A 19990805
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200111857	A1	E	25	H04M-011/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200064992	A			H04M-011/00	Based on patent WO 200111857

Abstract (Basic): WO 200111857 A1

NOVELTY - The types of user interface peripherals include computers (14), **personal digital assistants**, **point** of **sale** terminals (16), petrol pump dispensing terminals (18), kiosks (20), dispensing machines (24), automatic tiller machines (ATM) (22) and mobile telephones (25). **Transaction** process flow, user prompts and available features will vary according to the peripheral connected to the system hub (12) and encryption software is provided in the telephone to allow adding to the **account** balance using the hub to process a credit card number and a personal identification number and to transmit the information to the appropriate server.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a method of facilitating acquisition of air-time for a prepaid mobile telephone.

USE - **Purchasing** mobile telephone air-time in advance using credit card.

ADVANTAGE - No requirement for telephone card and increased number of payment locations available.

DESCRIPTION OF DRAWING(S) - The drawing shows a preferred embodiment of the system

Computer (14)
Point of **sale** terminal (16)
ATM (22)

Mobile terminal (25)
System hub (12)
pp; 25 DwgNo 1/10
Title Terms: PREPAYMENT; MOBILE; TELEPHONE; AIR; TIME; REPLENISH; SYSTEM; COMMUNICATE; HUB; COMMUNICATE; VARIETY; USER; INTERFACE; TERMINAL; SELECT ; SERVICE
Derwent Class: T01; T05; W01
International Patent Class (Main): H04M-011/00
File Segment: EPI

15/5/34 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013653246 **Image available**
WPI Acc No: 2001-137458/200114
XRPX Acc No: N01-100135
Transmitter **card for personal computer used in satellite communication, has circuit board with modulator to** transmit **radio frequency signals in response to** received **data**
Patent Assignee: GILAT SATELLITE NETWORKS LTD (GILA-N); FRIEDMAN M M (FRIE-I)
Inventor: BEN BASSAT I; BONEH R; COMFORTI A; GAL Y; GLDFARB A; HAYOUN Y; MARCUS T; OPHIR I; RAHAMIN D; RIDEL E; SHAFIR O; SHEICH O
Number of Countries: 088 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200057625	A2	20000928	WO 2000US453	A	20000110	200114	B
AU 200024968	A	20001009	AU 200024968	A	20000110	200114	
JP 2000286740	A	20001013	JP 99293942	A	19991015	200114	
KR 2001052394	A	20010625	KR 2000713179	A	20001123	200173	
EP 1177636	A2	20020206	EP 2000903185	A	20000110	200218	
			WO 2000US453	A	20000110		
JP 3280944	B2	20020513	JP 99293942	A	19991015	200234	

Priority Applications (No Type Date): US 99274953 A 19990323
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200057625	A2	E	19	H04N-000/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200024968	A			H04N-000/00	Based on patent WO 200057625
JP 2000286740	A		8	H04B-001/38	
KR 2001052394	A			G06F-013/00	
EP 1177636	A2	E		H04B-001/38	Based on patent WO 200057625
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
JP 3280944	B2		8	H04B-001/38	Previous Publ. patent JP 2000286740

Abstract (Basic): WO 200057625 A2
NOVELTY - A circuit board is coupled to **PC** to communicate data via industry standard buses (46,48,50) in computer. A radio frequency modulator (40) comprising frequency synthesizer (14), **transmits** radio frequency signal in response to **received** data.
DETAILED DESCRIPTION - The modulator modulates the **transmitted** signals according to predefined protocol in accordance with command forwarded to card (25) via buses (46,48,50). The card is coupled to

external antenna, has collector through which DC source (52) external to the card powers antenna. INDEPENDENT CLAIMS are also included for the following:

(a) satellite transceiver;

(b) method for transmitting and **receiving** signals between satellite and **PC**

USE - For ATM, **POS** , direct video broadcasting (DVB) using personal computer based satellite communication.

ADVANTAGE - Signals and power to operate up-converter and power amplifier of antenna is **transferred** easily, since power is provided external to personal computer. Provision of fast interface bus connector, enables to communicate with **receiver** card and to exchange data between cards without any delay.

DESCRIPTION OF DRAWING(S) - The figure shows schematic block diagram of communication terminal.

Frequency synthesizer (14)

Card (25)

Frequency modulator (40)

Buses (46,48,50)

DC source (52)

pp; 19 DwgNo 1/3

Title Terms: **TRANSMIT** ; CARD; PERSON; COMPUTER; SATELLITE; COMMUNICATE; CIRCUIT; BOARD; MODULATE; **TRANSMIT** ; RADIO; FREQUENCY; SIGNAL; RESPOND; **RECEIVE** ; DATA

Derwent Class: T01; W02; W03

International Patent Class (Main): G06F-013/00; H04B-001/38; H04N-000/00

International Patent Class (Additional): G06F-003/00; H04B-007/15; H04B-007/185; H04L-027/00

File Segment: EPI

15/5/35 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013585590 **Image available**

WPI Acc No: 2001-069797/200108

Related WPI Acc No: 1994-167726

XRPX Acc No: N01-052751

Commercial transaction system in Internet, interprets and executes program modules, to effect transaction based on program module instructions that are not in native code

Patent Assignee: INTELLECT AUSTRALIA PTY LTD (INTE-N)

Inventor: BERTINA J M G; OLIVER Q R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6145739	A	20001114	WO 93AU552	A	19931026	200108 B
			US 95424258	A	19950620	
			US 97957246	A	19971024	

Priority Applications (No Type Date): US 97957246 A 19971024; WO 93AU552 A 19931026; US 95424258 A 19950620

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6145739	A		23	G06K-005/00	CIP of application WO 93AU552
					CIP of application US 95424258
					CIP of patent US 5682027

Abstract (Basic): US 6145739 A

NOVELTY - RAM (21) accessed by interface device (11) of service provider, stores program modules (43) comprising instructions that are not in native code. The processing device **memory** has program interpreter for interpreting and executing the program module, when the microcomputer is under control of operating system, to effect transactions based on program module instructions that are not in native code.

DETAILED DESCRIPTION - The interface device is connected through a coupler (14) for effecting communication with the processing device having microcomputer. The operating system programmed in native code of microcomputer provided for the processing device **memory** , is run for performing basic functions of the processing device. The microcomputer stores **received**0 data or data for **transmission** in RAM (21), when performing function under control of the operating system. INDEPENDENT CLAIMS are also included for the following:

(a) intelligent device;

(b) commercial transaction method

USE - In e.g. Internet for effecting commercial transactions between service users and service providers, using intelligent devices, terminals acting as satellite to host, e.g. electronic funds **transfer point** -of- **sale** (EFTPOS) terminals, internal terminals, smart card terminals, mobile phones, **PDA** , portable home automation and security controller, portable home PABX controller.

ADVANTAGE - Enables service user to transact with the same or different service providers using intelligent devices with high level of security reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic logic diagram of the intelligent device connected to the host.

Interface device (11)

Coupler (14)

RAM (21)

Program module (43)

pp; 23 DwgNo 2/9

Title Terms: COMMERCIAL; TRANSACTION; SYSTEM; INTERPRETATION; EXECUTE; PROGRAM; MODULE; EFFECT; TRANSACTION; BASED; PROGRAM; MODULE; INSTRUCTION ; NATIVE; CODE

Derwent Class: T01; T05

International Patent Class (Main): G06K-005/00

File Segment: EPI

15/5/36 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013492814 **Image available**

WPI Acc No: 2000-664757/200064

XRPX Acc No: N00-492702

Personal digital assistant **telephone for remote control of audio or video appliances, comprises wireless telephone engine, smart card engine,** personal digital assistant **engine and address book**

Patent Assignee: BODYCOM INC (BODY-N); AKVELD F N (AKVE-I); AUSEMS J B (AUSE-I); AUSEMS M R (AUSE-I); BARRETT L A (BARR-I)

Inventor: AKVELD F N; AUSEMS J B; AUSEMS M R; BARRETT L A

Number of Countries: 090 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200049731	A1	20000824	WO 2000US4352	A	20000218	200064 B
AU 200032380	A	20000904	AU 200032380	A	20000218	200103
US 20010044321	A1	20011122	US 99253304	A	19990219	200176

			US 2001900428	A	20010706		
US 6434403	B1	20020813	US 99253304	A	19990219	200255	

Priority Applications (No Type Date): US 99253304 A 19990219; US 2001900428 A 20010706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200049731	A1	E	31	H04B-007/15	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200032380	A	H04B-007/15	Based on patent WO 200049731
US 20010044321	A1	H04B-001/38	Cont of application US 99253304
US 6434403	B1	H04B-001/38	

Abstract (Basic): WO 200049731 A1

NOVELTY - The **personal digital assistant** (**PDA**) telephone comprises a wireless telephone engine (210), smart card engine (260), **personal digital assistant** engine (290) and an address book (270) shared by the wireless telephone engine and **PDA** engine.

DETAILED DESCRIPTION - A display unit (145) is coupled to the **PDA** (290). The smart card engine (260) communicates with external devices via a short range transceiver (265). The **PDA** engine automatically balances an electronic **account** ledger based upon the **point** of **sale transactions** .

USE - Combined mobile phone and **PDA** , which incorporates additional features such as a GPS **receiver** and remote control of audio or video appliances, automobile door locks, garage door openers, home alarm systems, heating ventilation and air conditioning systems.

ADVANTAGE - Since wireless telephone engine, smart card engine, **personal digital assistant** engine and an address book are integrated in a single device, the device size is reduced and it can be carried easily.

DESCRIPTION OF DRAWING(S) - The figure represents block diagram of **PDA** telephone.

Display unit (145)
Wireless telephone engine (210)
Smart card engine (260)
Transceiver (265)
Address book (270)
PDA engine (290)
pp; 31 DwgNo 2/3

Title Terms: PERSON; DIGITAL; ASSIST; TELEPHONE; REMOTE; CONTROL; AUDIO; VIDEO; APPLIANCE; COMPRISE; WIRELESS; TELEPHONE; ENGINE; SMART; CARD; ENGINE; PERSON; DIGITAL; ASSIST; ENGINE; ADDRESS; BOOK

Derwent Class: T01; T04; W01; W03; W05; W06

International Patent Class (Main): H04B-001/38; H04B-007/15

File Segment: EPI

15/5/37 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013239556 **Image available**

WPI Acc No: 2000-411430/200035

XRPX Acc No: N00-307617

Point -of- sale **terminal for use at home in conjunction with personal computer connected to Internet, has digital signature** processor **disposed in housing, which is connected to primary** processor

Patent Assignee: SMARTDISK CORP (SMAR-N)
Inventor: EISELE R
Number of Countries: 086 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200026838	A1	20000511	WO 99US25584	A	19991101	200035	B
AU 200016025	A	20000522	AU 200016025	A	19991101	200040	

Priority Applications (No Type Date): US 98184350 A 19981102
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200026838	A1	E	50	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200016025	A		G06F-017/60	Based on patent WO 200026838

Abstract (Basic): WO 200026838 A1

NOVELTY - At least one interface is disposed in the housing (1), that couples a primary **processor** to the **PC** . A digital signature **processor** disposed in the housing is connected to the primary **processor** . An additional external device enables exchange of data between primary **processor** , **PC** and other external devices.

DETAILED DESCRIPTION - Several user actuable keys (3) including numeric keys and at least one function key, are disposed at the surface of housing (1). A primary **processor** disposed in the housing is separately coupled to the keys and display (2) which is also disposed at the surface of housing. A data/program **memory** disposed in the housing, is coupled to the primary **processor** . An INDEPENDENT CLAIM is also included for method of electronic commerce using personal computer interfaced with home **point** -of- **sale** terminal.

USE - Home **point** -of- **sale** (**POS**) terminal to facilitate electronic commerce in conjunction with personal computer (**PC**) connected to Internet.

ADVANTAGE - Enables entering of PIN at the keypad of home **POS** terminal connected to **PC** , to show result of PIN verification at the display of terminal, reliably. The certificate and dealer signature are decrypted in digital signature **processor** , thus dealer's real identity is shown on the home **POS** terminal display reliably. Provides several parallel and serial interfaces, PCMCIA, USB, mouse and keyboard interfaces to connect the home **POS** terminal to **PC** .

DESCRIPTION OF DRAWING(S) - The figure shows the exemplary home **POS** terminal.

Housing (1)
Display (2)
Keys (3)
pp; 50 DwgNo 1/6

Title Terms: POINT; SALE; TERMINAL; HOME; CONJUNCTION; PERSON; COMPUTER; CONNECT; DIGITAL; SIGNATURE; **PROCESSOR** ; DISPOSABLE; HOUSING; CONNECT; PRIMARY; **PROCESSOR**

Derwent Class: T01; T05; W01; W02
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06K-005/00; G06K-019/06; G06K-019/07; H04K-001/00; H04L-009/00; H04L-017/02

Bode Akintola 17-Jan-03

File Segment: EPI

15/5/38 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013204845 **Image available**
WPI Acc No: 2000-376718/200032
XRPX Acc No: N00-282835

Smart card e.g. credit and debit cards, has programming unit which processes individual transaction so as to consolidate them into consolidated log of transaction

Patent Assignee: NCR INT INC (NATC)
Inventor: ROSSMANN W D; SAVAGE J G
Number of Countries: 024 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200028490	A1	20000518	WO 99GB3678	A	19991108	200032	B
EP 1125261	A1	20010822	EP 99952722	A	19991108	200149	
			WO 99GB3678	A	19991108		

Priority Applications (No Type Date): GB 9824420 A 19981107
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200028490	A1	E	16	G07F-007/10	

Designated States (National): BR CN JP US ZA
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 1125261	A1	E		G07F-007/10	Based on patent WO 200028490

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 200028490 A1

NOVELTY - An input-output unit enables card to **receive** and **transmit** data regarding individual financial transactions. A RAM (13) including secured and unsecured areas (13a,13b) is provided for logging the transactions individually. A programming unit processes individual transaction so as to consolidate them into consolidated log of transaction.

DETAILED DESCRIPTION - The programming unit is operable to **transfer** and consolidate data from unsecured area into secured area of storage. The programming unit is operable selectively either to authorize and process automated financial transactions or to process manual transactions. An INDEPENDENT CLAIM is also included for smart card operation method.

USE - In e.g. credit card and debit card used to **receive** and **transmit** data regarding individual financial transactions used with automated teller machine, **point** of **sale** terminal, data **processor** such as **PC** , **personal digital assistant** (**PDA**) or self service terminal.

ADVANTAGE - Enables conducting both automatic and manual transactions and capability of recording financial transactions in both unsecured and secured transaction logs. Enables user to conduct consolidation of all the financial transactions so as to provide ready access to financial statement which indicates the cash flow situation of user.

DESCRIPTION OF DRAWING(S) - The figure illustrates the smart card.
RAM (13)
Secured and unsecured areas (13a,13b)

pp; 16 DwgNo 1/2
Title Terms: SMART; CARD; CREDIT; DEBIT; CARD; PROGRAM; UNIT; PROCESS; INDIVIDUAL; TRANSACTION; SO; CONSOLIDATE; CONSOLIDATE; LOG; TRANSACTION
Derwent Class: T01; T04; T05
International Patent Class (Main): G07F-007/10
International Patent Class (Additional): G07F-007/08
File Segment: EPI

15/5/39 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013183345 **Image available**
WPI Acc No: 2000-355218/200031
XRPX Acc No: N00-266322
Connection control procedure of PC based POS keyboard, involves controlling connection of maintenance keyboard to POS terminal during power supply switch ON condition using connection control software
Patent Assignee: NITTSUKO KK (NITT-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000113320	A	20000421	JP 98285793	A	19981008	200031	B

Priority Applications (No Type Date): JP 98285793 A 19981008
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000113320	A		4	G07G-001/00	

Abstract (Basic): JP 2000113320 A
NOVELTY - When maintenance keyboard (7) is connected to **POS** terminal (1) during power supply switch ON condition of **POS** terminal, the maintenance keyboard is not connected to the terminal by the connection control program of **POS** keyboard stored in the **memory** (4).
USE - For controlling connection of maintenance keyboard with **POS** terminal.
ADVANTAGE - The maintenance keyboard connection under power supply switch ON condition is recognized effectively, by the connection control program of **POS** . Since the connection control is performed using software, number of hardware components involved is reduced, thus cost reduction is achieved.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **POS** terminal component.
POS terminal (1)
Memory (4)
Keyboard (7)
pp; 4 DwgNo 2/5
Title Terms: CONNECT; CONTROL; PROCEDURE; BASED; **POS** ; KEYBOARD; CONTROL; CONNECT; MAINTAIN; KEYBOARD; **POS** ; TERMINAL; POWER; SUPPLY; SWITCH; CONDITION; CONNECT; CONTROL; SOFTWARE
Derwent Class: T01; T05
International Patent Class (Main): G07G-001/00
International Patent Class (Additional): G06F-003/02; **G06F-017/60** ; G07G-001/12
File Segment: EPI

15/5/40 (Item 34 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013051792 **Image available**
WPI Acc No: 2000-223647/200019
XRPX Acc No: N00-167640
User information providing method for selective call receiver **in wireless communication system**
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: BRIANCON A C; HYMEL J A; INDEKEU J P; LONG C R
Number of Countries: 025 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200003328	A1	20000120	WO 99US14343	A	19990624	200019	B
EP 1151394	A1	20011107	EP 99930682	A	19990624	200168	
			WO 99US14343	A	19990624		
KR 2001071810	A	20010731	KR 2001700364	A	20010109	200208	
CN 1330786	A	20020109	CN 99809622	A	19990624	200229	

Priority Applications (No Type Date): US 98123291 A 19980728; US 98113633 A 19980710
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200003328	A1	E	35	G06F-017/00	
Designated States (National): BR CA CN JP KR MX SG					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 1151394	A1	E		G06F-017/00	Based on patent WO 200003328
Designated States (Regional): DE FR GB					
KR 2001071810	A			H04B-005/04	
CN 1330786	A			G06F-017/00	

Abstract (Basic): WO 200003328 A1
NOVELTY - User information is stored in the selective call **receiver** . A coupon is displayed on the selective call **receiver** , in a bar code format such that the coupon can be read and redeemed at a **point** of **sale** . The user information is updated in the selective call **receiver** so as to reflect the use of the **receiver** and the redemption of the coupon.
DETAILED DESCRIPTION - The user information is displayed on the selective call **receiver** such that it can be read at the **point** of **sale** . The coupon is **received** by the selective call **receiver** in the form of a **transmitted** message.
USE - For providing demographic information and to redeem coupons for users of selective call **receiver** such as **pagers** .
ADVANTAGE - The convenient and cost effective way of consolidating affinity cards can benefit both sponsors and users by eliminating card clutter, thereby making the affinity cards more convenient to use.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of selective call **receiver** .
pp; 35 DwgNo 1/13
Title Terms: USER; INFORMATION; METHOD; SELECT; CALL; **RECEIVE** ; WIRELESS; COMMUNICATE; SYSTEM
Derwent Class: T01; T05; W05
International Patent Class (Main): G06F-017/00; H04B-005/04
International Patent Class (Additional): G06F-005/00; G06F-007/08; **G06F-017/60**
File Segment: EPI

15/5/41 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012495433 **Image available**
WPI Acc No: 1999-301541/199925
Related WPI Acc No: 2000-282760
XRPX Acc No: N99-225832
Automatic entry updating method for database management of automatic teller machine, point of sale terminals
Patent Assignee: BELLSOUTH CORP (BELL-N)
Inventor: KRAUS E; SMETS R J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5898760	A	19990427	US 97811895	A	19970305	199925	B

Priority Applications (No Type Date): US 97811895 A 19970305
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5898760	A		14	H04M-001/64	

Abstract (Basic): US 5898760 A
NOVELTY - A message associated with original, directory number is received during first call detection. A use-by date along with time interval ranging from 1-14 days are equated to first date. Next call is detected on another date according to which equating of keep-until date and use by date are performed.
DETAILED DESCRIPTION - The message received during first call detection is stored and use-by date in database is indexed by original directory number. If the second date is not later than use-by date, a keep until date along with time unit ranging from 30-180 days are equated to the second date. If second date is later than first use-by date message is received and use-by date is equated to the second date. Next call for the party having original directory number is detected on next data. If next date is later than keep-until date, message is received and use-by date is equated to next date to disable keep-until date.
USE - For database management of automatic teller machine, **point of sale** terminal, personal **information manager** , security access system, telephone network based service such as caller name announcement service.
ADVANTAGE - Maintains dynamically changing database by updating infrequently used entries and maintains frequently used entries. Minimizes resources required to update and maintain database. Reduces **amount** of bandwidth wasted in providing caller name announcement service.
DESCRIPTION OF DRAWING(S) - The figure represents flow chart illustrating entry updating method.
pp; 14 DwgNo 2/5
Title Terms: AUTOMATIC; ENTER; UPDATE; METHOD; DATABASE; MANAGEMENT; AUTOMATIC; TELLER; MACHINE; POINT; **SALE** ; TERMINAL
Derwent Class: T01; W01
International Patent Class (Main): H04M-001/64
File Segment: EPI

15/5/42 (Item 36 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012361500 **Image available**
WPI Acc No: 1999-167607/199914
XRPX Acc No: N99-122091
Portable information and transaction processor
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM UK LTD (IBMC)
Inventor: MAES S; SEDIVY J; MAES S H
Number of Countries: 026 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9908238	A1	19990218	WO 98GB2283	A	19980730	199914 B
US 6016476	A	20000118	US 9755418	A	19970811	200011
			US 988122	A	19980116	
EP 1004099	A1	20000531	EP 98936550	A	19980730	200031
			WO 98GB2283	A	19980730	
TW 385400	A	20000321	TW 98109091	A	19980608	200053
HU 200004470	A2	20010528	WO 98GB2283	A	19980730	200140
			HU 20004470	A	19980730	
JP 2001512876	W	20010828	WO 98GB2283	A	19980730	200156
			JP 2000506627	A	19980730	
KR 2001022217	A	20010315	KR 2000700790	A	20000124	200159

Priority Applications (No Type Date): US 988122 A 19980116; US 9755418 P 19970811
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9908238	A1	E	32	G07F-007/10	
Designated States (National): CZ HU IL JP KR PL					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 6016476	A			H04L-009/32	Provisional application US 9755418
EP 1004099	A1	E		G07F-007/10	Based on patent WO 9908238
Designated States (Regional): DE FR GB IE					
TW 385400	A			G06F-017/60	
HU 200004470	A2			G07F-007/10	Based on patent WO 9908238
JP 2001512876	W		42	G07F-007/10	Based on patent WO 9908238
KR 2001022217	A			G06F-019/00	

Abstract (Basic): WO 9908238 A1

NOVELTY - **Processor** has a CPU, **memory** for financial and personal information and a temporary digital certificate, a communication link, user interface, a detachable universal card, programmer for writing personal and financial information to the universal card and a verification means coupled to the CPU to verify the authorized user and preventing the programmer from writing to the card unless verification data is provided.

USE - **Processor** is for information and transactions and uses digital certificate security and biometric authorization to provide personal verification prior to processing user requested financial transactions and providing personal information at **point** of **sale** terminals or ATMs.

ADVANTAGE - **Processor** is a **personal digital** assistant which can store credit card etc. and personal information for **transfer** to a smart card. It uses biometric security to provide user verification and has digital certificate security with the user required to periodically **download** a temporary digital certificate from a central server of the card service provider. It is compatible with the existing infrastructure and can be used in all systems using magnetic or smart cards for access.

pp; 32 DwgNo 1/6
Title Terms: PORTABLE; INFORMATION; TRANSACTION; **PROCESSOR**
Derwent Class: S05; T01; T04; T05

International Patent Class (Main): **G06F-017/60** ; G06F-019/00; G07F-007/10; H04L-009/32
International Patent Class (Additional): G06F-015/00; G06F-157/00; G07F-019/00
File Segment: EPI

15/5/43 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012177469 **Image available**
WPI Acc No: 1998-594380/199850
XRPX Acc No: N98-462522

Programmable cartridge system for computer game - has programmer and scanner for entering customer order information, identifying cartridge type, and programming cartridge

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BASNETT D E; DORAK J; HAMBLIN G E; NGUYEN K D; SINGKORNRAT P; TSEVDOS J T; WATZEL D J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5828862	A	19981027	US 94238112	A	19940504	199850	B
			US 97855478	A	19970513		

Priority Applications (No Type Date): US 94238112 A 19940504; US 97855478 A 19970513
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5828862	A		19	G06F-013/00	Cont of application US 94238112

Abstract (Basic): US 5828862 A

The system includes a reprogrammable cartridge (18) housing a non-volatile flash **memory** , which may be programmed or erased via a plug-in connector (14). A programmer (16) is included for **receiving** the plug-in connector and engaging the reprogrammable cartridge to enable the flash **memory** to be loaded with a program. A personal computer (12) is used for storing computer microprograms and generating microcode for controlling the cartridge game format. A scanner (22) is used for entering customer order information into the system, to identify a specific cartridge type, and a specific program stored in the **PC** 's **memory** (10).

Identification hardware is provided for verifying that the ID information in the cartridge relates to the cartridge type, and for providing a cartridge verification signal to the programmer to record a program. A sequencer writes the specific computer program into the flash **memory** when ID verification occurs, and responds to the microcode supplied by the **PC** for controlling the cartridge game format for the programmer.

ADVANTAGE - Game cartridges can be produced at **point** of **sale** for just in time delivery. Popularity forecasts for game titles is not necessary.

Dwg.1/14

Title Terms: PROGRAM; CARTRIDGE; SYSTEM; COMPUTER; GAME; PROGRAM; SCAN; ENTER; CUSTOMER; ORDER; INFORMATION; IDENTIFY; CARTRIDGE; TYPE; PROGRAM; CARTRIDGE
Derwent Class: T01; U13; U14; W04
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G11C-007/00
File Segment: EPI

15/5/44 (Item 38 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012152465 **Image available**
WPI Acc No: 1998-569377/199849
Related WPI Acc No: 1991-008504; 1992-176597; 1992-260518; 1992-381621; 1993-177122; 1994-312038; 1994-312039; 1995-106261; 1995-139019; 1997-247135; 1997-322584; 1999-179488
XRPX Acc No: N98-443067

Mobile communication network e.g. cellular wireless LAN - includes specific mobile unit algorithms and massaging function, whereby unit receives message, with encoded set responses, from central computer and can reply with selected responses

Patent Assignee: SYMBOL TECHNOLOGIES INC (SYMB-N)
Inventor: BEACH R; HEIMAN F; PINARD P; SHIBA M; WERBACK A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2218268	A	19980508	CA 2218268	A	19971015	199849 B
US 6002918	A	19991214	US 89374452	A	19890629	200005
			US 90635859	A	19901228	
			US 91799172	A	19911127	
			US 9344648	A	19930408	
			US 95549051	A	19951027	
			US 96747034	A	19961108	

Priority Applications (No Type Date): US 96747034 A 19961108; US 89374452 A 19890629; US 90635859 A 19901228; US 91799172 A 19911127; US 9344648 A 19930408; US 95549051 A 19951027
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2218268	A		42	H04Q-007/22	
US 6002918	A			H04Q-007/32	CIP of application US 89374452 CIP of application US 90635859 CIP of application US 91799172 CIP of application US 9344648 CIP of application US 95549051 CIP of patent US 5029183 CIP of patent US 5142550 CIP of patent US 5280498 CIP of patent US 5528621 CIP of patent US 5815811

Abstract (Basic): CA 2218268 A

The network includes a central base station (4)(e.g. house computer) in communication with a number of mobile hand-held units (2) (e.g. **portable computers** , bar-code scanners). Wireless messages are sent to the mobile units from the central computer.

The messages may include text or graphics along with a coded part defining several possible responses to the message. The receiving unit decodes the options and displays them, along with the message, on screen. The user (1) may then select an option. The response is then transmitted back to the central computer in coded form.

USE - E.g. use in inventory; portable **point** of **sale** ; package tracking; etc. systems. Messaging provides way of mobile selecting access point (5) for association with the network.

ADVANTAGE - Reduces **amount** of data transmitted. Uses and provides specific roaming algorithm not set by the proposed draft standard IEEE

802.11. Reduces power consumption of mobile units and improves battery life. Improves selection by mobile unit of access point.

Dwg.3/7

Title Terms: MOBILE; COMMUNICATE; NETWORK; CELLULAR; WIRELESS; LAN; SPECIFIC; MOBILE; UNIT; ALGORITHM; MASSAGE; FUNCTION; UNIT; RECEIVE; MESSAGE; ENCODE; SET; RESPOND; CENTRAL; COMPUTER; CAN; REPLY; SELECT; RESPOND

Derwent Class: W01; W02

International Patent Class (Main): H04Q-007/22; H04Q-007/32

International Patent Class (Additional): H04B-001/16; H04B-007/00; H04L-012/28

File Segment: EPI

15/5/45 (Item 39 from file: 350)

DIALOG(R)File 350:Derwent WPIX

012068666 **Image available**

WPI Acc No: 1998-485577/199842

XRPX Acc No: N98-379122

Terminal equipment used for POS **system - includes fork unit which forks and extracts data** transmitted **to main apparatus from input side of** transmitting **unit**

Patent Assignee: NIPPON DENKI ENG KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10207803	A	19980807	JP 9710901	A	19970124	199842	B

Priority Applications (No Type Date): JP 9710901 A 19970124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10207803	A		6	G06F-013/00	

Abstract (Basic): JP 10207803 A

The terminal equipment has a **transmitting** unit which **transmits** data to a main apparatus. A communication controller judgement unit (M12) is provided in a **memory** (M1). If a modem card (2) is selected the data is **transmitted** to the modem card through a **PC** card slot (300).

If serial interface is selected, the data is **transmitted** to a modem (6) through a SIO communication controller (400). A fork unit which forks and extracts the data, **transmitted** to the main apparatus from the input side of the **transmitting** unit.

ADVANTAGE - Reduces burden of CPU.

Dwg.2/8

Title Terms: TERMINAL; EQUIPMENT; **POS** ; SYSTEM; FORK; UNIT; FORK; EXTRACT; DATA; **TRANSMIT** ; MAIN; APPARATUS; INPUT; SIDE; **TRANSMIT** ; UNIT

Derwent Class: T01; T05

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): **G06F-017/60** ; G07G-001/14

File Segment: EPI

15/5/46 (Item 40 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011921361 **Image available**

WPI Acc No: 1998-338271/199830
XRPX Acc No: N98-264475
Language processor **for word** processor , PC , **electronic notebook,** POS **terminal, portable information terminal - searches word candidate from dictionary using index corresponding to suffix obtained from index table**
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10124503	A	19980515	JP 96280961	A	19961023	199830	B

Priority Applications (No Type Date): JP 96280961 A 19961023
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10124503	A		28	G06F-017/22	

Abstract (Basic): JP 10124503 A
The **processor** has an input unit (3) which inputs a Kana character row. The input unit indicates a Japanese syllabary and Chinese character conversion and a related word search. A transducer converts the input character with reference to an independent word dictionary, proper noun dictionary and a suffix example dictionary. A display unit (2) displays the converted character string. A suffix table stores the reading and notation of a suffix. An index table stores index of the word connected with the suffix, among the indices of the word stored in each dictionary.
When the transducer **receives** an indication for a related word search, it searches the suffix corresponding to the input character row and its reading and notation from the suffix table. The index corresponding to the suffix is searched from the index table. Word candidate of that index is searched from the dictionary.
ADVANTAGE - Supports rich document production of expression power.
Dwg.1/34
Title Terms: LANGUAGE; **PROCESSOR** ; WORD; **PROCESSOR** ; ELECTRONIC; **POS** ; TERMINAL; PORTABLE; INFORMATION; TERMINAL; SEARCH; WORD; CANDIDATE; DICTIONARY; INDEX; CORRESPOND; OBTAIN; INDEX; TABLE
Derwent Class: T01
International Patent Class (Main): G06F-017/22
International Patent Class (Additional): G06F-017/30
File Segment: EPI

15/5/47 (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011921123 **Image available**
WPI Acc No: 1998-338033/199830
XRPX Acc No: N98-264237
Information processor **with IR communication function e.g. ECR,** PC , POS , **HT, relay -** receives **information from IR light-emission signal and generates switching signal for switching circuit**
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10124207	A	19980515	JP 96278473	A	19961022	199830	B

Priority Applications (No Type Date): JP 96278473 A 19961022

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 10124207 A 9 G06F-003/00

Abstract (Basic): JP 10124207 A

The **processor receives** the information from an IR light-emission signal and generates a switching signal for a switching circuit. The **transmission** of a light- **receiving** signal is controlled by the switching signal. The light- **receiving** signal is repeated during **transmission** .

ADVANTAGE - Simplifies communication process.

Dwg.2/11

Title Terms: INFORMATION; **PROCESSOR** ; INFRARED; COMMUNICATE; FUNCTION; ECR ; **POS** ; HT; RELAY; **RECEIVE** ; INFORMATION; INFRARED; LIGHT; EMIT; SIGNAL ; GENERATE; SWITCH; SIGNAL; SWITCH; CIRCUIT

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

15/5/48 (Item 42 from file: 350)

DIALOG(R)File.350:Derwent WPIX

011885320 **Image available**

WPI Acc No: 1998-302230/199827

XRPX Acc No: N98-236806

Information processor **e.g.** PC , POS **terminal** - transmits **inspection result to external device after inspecting mounting apparatus, when diagnostic program reception is judged by judging unit**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10105431	A	19980424	JP 96254347	A	19960926	199827	B

Priority Applications (No Type Date): JP 96254347 A 19960926

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 10105431 A 5 G06F-011/22

Abstract (Basic): JP 10105431 A

The **processor** has a judgment unit which judges reception of an apparatus inspection program from an external device. The external device is connected to an information communication unit before loading the first stage program (15a) of the power supply to a main **memory** (13a).

When non-reception state of diagnostic program is judged by judgment unit, the first stage program is loaded to main **memory** . After inspecting mounting apparatus according to the diagnostic program, the inspection result is **transmitted** to external device when inspection program reception is judged.

ADVANTAGE - Inspects mounting apparatus without using control program. Shortens mounting apparatus inspection time.

Dwg.2/4

Title Terms: INFORMATION; **PROCESSOR** ; **POS** ; TERMINAL; **TRANSMIT** ; INSPECT ; RESULT; EXTERNAL; DEVICE; AFTER; INSPECT; MOUNT; APPARATUS; DIAGNOSE; PROGRAM; RECEPTION; JUDGEMENT; JUDGEMENT; UNIT

Derwent Class: T01; T05

International Patent Class (Main): G06F-011/22

File Segment: EPI

15/5/49 (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011830211 **Image available**
WPI Acc No: 1998-247121/199822
XRPX Acc No: N98-195811
Price accounting system for restaurant - uses calculating unit of PC provided for POS terminal to compute price of dish ordered by customer based on detection data relayed by communication controllers
Patent Assignee: TOSHIBA ENG KK (TOSB)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10079089	A	19980324	JP 96231882	A	19960902	199822	B

Priority Applications (No Type Date): JP 96231882 A 19960902
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10079089	A		6	G07G-001/12	

Abstract (Basic): JP 10079089 A
The system is arranged at the ceiling of a counter positioned in front of each seat. Laser-guided distance measuring devices (30) detects the height of the dish (9) loaded on the conveying path installed in the middle portion of an elliptical table. Communication controllers (12) transmit the detection data to a **POS** terminal (10) via LAN (11).
Based on the transmitted detection data, the corresponding price of the dish is computed by the calculating unit (26) of a **PC** (21) provided for the terminal.
ADVANTAGE - Automatic accounting of total price of dish is done by customer himself. Eliminates clerical errors during registration of purchase data, thereby improving accounting reliability.
Dwg.2/3
Title Terms: PRICE; **ACCOUNT** ; SYSTEM; RESTAURANT; CALCULATE; UNIT; **POS** ; TERMINAL; COMPUTATION; PRICE; DISH; ORDER; CUSTOMER; BASED; DETECT; DATA; RELAY; COMMUNICATE; CONTROL
Index Terms/Additional Words: **PERSONAL** ; **COMPUTER** ; **POINT** -OF- **SALE** ; LOCAL; AREA; NETWORK
Derwent Class: T01; T05
International Patent Class (Main): G07G-001/12
International Patent Class (Additional): G06F-017/60
File Segment: EPI

15/5/50 (Item 44 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011729017 **Image available**
WPI Acc No: 1998-145927/199813
Related WPI Acc No: 2000-302747
XRPX Acc No: N98-115453
Financial transaction authorisation, notification and security apparatus - processes point of sale request with checking for theft and credit levels to transmit signal to card holder device

Patent Assignee: BOCK R R (BOCK-I); JOAO R A (JOAO-I)
Inventor: BOCK R R; JOAO R A
Number of Countries: 078 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9806214	A1	19980212	WO 97US14133	A	19970807	199813	B
AU 9739775	A	19980225	AU 9739775	A	19970807	199829	
US 5878337	A	19990302	US 96694199	A	19960808	199916	
			US 97873945	A	19970612		
US 5903830	A	19990511	US 96694199	A	19960808	199926	
			US 97874051	A	19970612		

Priority Applications (No Type Date): US 97874051 A 19970612; US 96694199 A 19960808; US 97873945 A 19970612
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9806214	A1	E	94	H04M-011/00	
AU 9739775	A			H04M-011/00	Based on patent WO 9806214
US 5878337	A			H04Q-007/08	Cont of application US 96694199
US 5903830	A			H04Q-007/08	Cont of application US 96694199

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

Abstract (Basic): WO 9806214 A

The apparatus has a device for issuing an authorisation request for a **transaction** , which is a **point** -of- **sale** , credit card or other authorisation device, There is an authorisation request **processor** and a communication device such as a telephone signal **receiver** , beeper, **pager** , telephone, two-way **pager** , computer, or television.

The authorisation request is processed in conjunction with predefined criteria and the authorisation is progressed by issuing the authorisation request for the **transaction** , notifying the authorised individual of the request and processing the response.

USE - For wireless communication for authorisation, notification of credit, charge, smart or debit card usage, and managing savings **accounts** and banking **accounts** and cellular telephone usage.

ADVANTAGE - Provides for real-time notification of cellular or mobile telephone usage, enabling owner monitoring. Advises user if telephone is lost or stolen, allows cancellation of telephone usage, enables connection via Internet to operate with home or office computer. Can be programmed to telephone cardholder, is menu-driven, enables authorisation, notification and security in financial **transactions** involving credit, charge, debit and smart cards. Allows user to increase or reduce credit limits. Overcomes problems associated with cloning of cellular telephones.

Dwg.1/11

Title Terms: FINANCIAL; **TRANSACTION** ; AUTHORISE; NOTIFICATION; SECURE; APPARATUS; PROCESS; POINT; **SALE** ; REQUEST; CHECK; THEFT; CREDIT; LEVEL; **TRANSMIT** ; SIGNAL; CARD; HOLD; DEVICE
Derwent Class: T01; T05; W01
International Patent Class (Main): H04M-011/00; H04Q-007/08
International Patent Class (Additional): H04Q-007/10; H04Q-007/32
File Segment: EPI

15/5/51 (Item 45 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011280525 **Image available**
WPI Acc No: 1997-258429/199723
XRPX Acc No: N97-213766
Portable lap - top **personal computer apparatus with PCMCIA application and card reader - has PCMCIA structure which is** receivable **in aperture of main chassis and which has data reader, e.g. digital or magnetic stripe reader, integrally formed in it**
Patent Assignee: DELL COMPUTER CORP (DELL-N)
Inventor: HOWELL B; OKAYA K P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5625534	A	19970429	US 95440284	A	19950512	199723	B

Priority Applications (No Type Date): US 95440284 A 19950512
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5625534	A		10	G06F-001/16	

Abstract (Basic): US 5625534 A

The personal computer includes a main chassis and a PCMCIA structure having one end with an opening to **receive** a data card. The chassis has an exterior wall defining, in part, an interior portion of the personal computer and it has a PCMCIA aperture formed in it. The interior portion is provided with data processing circuitry for processing data recorded on a data card.

A second end of the PCMCIA structure has an electrical connector for electrically connecting the PCMCIA structure to the personal computer. The PCMCIA structure is **receivable** in the aperture of the chassis and it has a data reader, e.g. a digital or magnetic stripe reader, integrally formed in it. A reading head of the reader reads the data card, the data reader thereby forming an integrated device for the personal computer to allow the data to be read into the data processing circuitry when **received** in the PCMCIA structure.

ADVANTAGE - Secures **portable computer** against theft of data stored within it without hampering utility of computer to owner. Provides way for personal computer to be read from data card so that information may be quickly **transferred** to personal computer and so that they may serve as mobile **point** of **sale** terminals.

Dwg.4,5/5
Title Terms: PORTABLE; LAP; TOP; PERSON; COMPUTER; APPARATUS; APPLY; CARD; READ; STRUCTURE; **RECEIVE** ; APERTURE; MAIN; CHASSIS; DATA; READ; DIGITAL; MAGNETIC; STRIPE; READ; INTEGRAL; FORMING
Index Terms/Additional Words: PORTABLE; COMPUTER; MEMORY; CARD; INTERNATIONAL; ASSOCIATION; POINT; OF; SALE
Derwent Class: T01; V04
International Patent Class (Main): G06F-001/16
International Patent Class (Additional): H05K-005/00
File Segment: EPI

15/5/52 (Item 46 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010945543 **Image available**
WPI Acc No: 1996-442493/199644

XRPX Acc No: N96-372609
Smart card for financial transactions **- contains stored tables to receive input from** point **of** sale **terminal for retrieval by personal computer into spread sheet**
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)
Inventor: CLAUS D M; MURPHY K D; THOMPSON W G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5559313	A	19960924	US 94370778	A	19941223	199644	B

Priority Applications (No Type Date): US 94370778 A 19941223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5559313	A		21	G06K-019/07	

Abstract (Basic): US 5559313 A
The smart card receives a list of items from a **point** of **sale** terminal during a **transaction** . It automatically inserts the items into expense categories to be later retrieved by a computer and inserted into a spreadsheet. The smart card microprocessor contains stored tables defining commonly used item designations and a table defining definitions based on a learning process.
The classification tables (501-502) contain alphanumeric descriptions for a particular industry. Each item has a code number designating a product or service. Business tables (504) list name and type of business. A correlation table (531) is used to determine the category number in response to code number and business type. It maintains the total **amount** of **money** spent for each category. The user reads the smart card using a personal computer to determine code number for items in exception tables, for items that cannot be found in classification tables.
USE/ADVANTAGE - For collection of personal financial information and categorisation of information for input to computer spread sheet. Allows addition to tables on smart card and modification of **PC** tables, updates tables in smart card with corresponding **PC** tables.
Dwg.5/17
Title Terms: SMART; CARD; FINANCIAL; **TRANSACTION** ; CONTAIN; STORAGE; TABLE ; RECEIVE; INPUT; POINT; **SALE** ; TERMINAL; RETRIEVAL; PERSON; COMPUTER; SPREAD; SHEET
Derwent Class: T01; T04
International Patent Class (Main): G06K-019/07
File Segment: EPI

15/5/53 (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010748119 **Image available**
WPI Acc No: 1996-245074/199625
XRPX Acc No: N96-205742
Communication device for LAN, WAN - in which parallel to series conversion is not carried out when both carrier detected signal and dummy carrier detected signal are in OFF state
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8097822	A	19960412	JP 94227877	A	19940922	199625	B

JP 3138595 B2 20010226 JP 94227877 A 19940922 200114

Priority Applications (No Type Date): JP 94227877 A 19940922
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8097822	A		27	H04L-012/28	
JP 3138595	B2		27	H04L-012/28	Previous Publ. patent JP 8097822

Abstract (Basic): JP 8097822 A

The communication device (2501) has a **transmitting** mode and a **receiving** mode. A controller (2502) outputs the **transmitting** data as the parallel data in the **transmitting** mode. A parallel to serial converter (2507) converts the parallel data to a serial data. A modulator (2508) modulates the **transmitting** data which is in serial form. A demodulator (2509) demodulates the **received** data in the **receiving** mode.

When in the **transmitting** mode a **transmitting** demand signal and a dummy carrier detected signal is in ON condition and the carrier detected signal is in OFF state. In the **receiving** mode, the reverse action is carried out. When both carrier detected signal and the dummy carrier detected signal are in OFF state, the parallel to serial conversion is not operated.

USE/ADVANTAGE - For **PC** , office **processor** , **POS** , ECR, sequencer. Avoids providing fault priority to communication device.

Dwg.1/24

Title Terms: COMMUNICATE; DEVICE; LAN; WAN; PARALLEL; SERIES; CONVERT; CARRY; CARRY; DETECT; SIGNAL; DUMMY; CARRY; DETECT; SIGNAL; STATE
Derwent Class: T05; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): H04L-029/08
File Segment: EPI

15/5/54 (Item 48 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010695873 **Image available**
WPI Acc No: 1996-192828/199620
XRPX Acc No: N96-161444
Data signal observation method for micro processor , PC , **workstation, POS terminal, mainframe - involves observing serial data signal by observation device, that is connected to connector**
Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8063366	A	19960308	JP 94193339	A	19940817	199620	B
JP 3086135	B2	20000911	JP 94193339	A	19940817	200046	

Priority Applications (No Type Date): JP 94193339 A 19940817
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8063366	A		22	G06F-011/22	
JP 3086135	B2		21	G06F-011/22	Previous Publ. patent JP 8063366

Abstract (Basic): JP 8063366 A

The method involves **transmission** of data signal (9) to a calculating unit (2) that selects **memory** device (3), temporary **memory** device (4), input unit (5), output unit (6) by respective

device selecting signals (15-18). The data signal specifies the address by an initial address message (10). When read or write signal (11-13, 12-14) changes from on-off state during the period of ON of each device selecting signal from calculating unit, a parallel series conversion unit (7) begins reception of number of data signals based on initial address message.

The **received** data signal is converted from parallel data to series data, based on clock signal of the calculating unit. The serial data is synchronized with a serial clock signal (21) and is output to a connector (8) as a serial data signal (22). The serial data signal observed by an observation device linked to the connector.

ADVANTAGE - Reduces installation space. Saves resources. Reduces output terminal to observation device.

Dwg.1/14

Title Terms: DATA; SIGNAL; OBSERVE; METHOD; MICRO; **PROCESSOR** ; **POS** ; TERMINAL; MAINFRAME; OBSERVE; SERIAL; DATA; SIGNAL; OBSERVE; DEVICE; CONNECT; CONNECT

Derwent Class: T01

International Patent Class (Main): G06F-011/22

International Patent Class (Additional): G06F-013/00

File Segment: EPI

15/5/55 (Item 49 from file: 350)

DIALOG(R)File 350:Derwent WPIX

010286177 **Image available**

WPI Acc No: 1995-187436/199525

Related WPI Acc No: 1996-302581

XRPX Acc No: N95-146804

POS terminals employing personal computer as control device for printer - exchanges data with PC control unit on logical level through first connector, and exchanges data with external device through second connector, for example display module, printer installed inside frame with connectors

Patent Assignee: SEIKO EPSON CORP (SHIH)

Inventor: EBINA K; ITO I; KASAI K; ITO K; KINOSHITA Y

Number of Countries: 010 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 654767	A2	19950524	EP 94118428	A	19941123	199525	B
EP 654767	A3	19960403	EP 94118428	A	19941123	199625	
US 5594920	A	19970114	US 94344242	A	19941123	199709	
TW 295642	A	19970111	TW 94110678	A	19941117	199717	
CN 1117621	A	19960228	CN 94120197	A	19941124	199742	
US 5707162	A	19980113	US 94344242	A	19941123	199809	
			US 95549362	A	19951027		
EP 654767	B1	19980318	EP 94118428	A	19941123	199815	
DE 69409068	E	19980423	DE 609068	A	19941123	199822	
			EP 94118428	A	19941123		
US 5794214	A	19980811	US 94344242	A	19941123	199839	
			US 97778534	A	19970103		
US 5927878	A	19990727	US 94344242	A	19941123	199936	
			US 95549362	A	19951027		
			US 97984456	A	19971203		
KR 172460	B1	19990330	KR 9430992	A	19941124	200045	

Priority Applications (No Type Date): JP 93293556 A 19931124; JP 94264016 A 19941027

Cited Patents: No-SR.Pub; EP 400653; GB 2065350

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 654767	A2	E	17	G07G-001/14	
Designated States (Regional): DE FR GB IT NL SE					
EP 654767	A3			G07G-001/14	
US 5594920	A		19	G07G-001/12	
TW 295642	A			G06F-017/60	
CN 1117621	A			G06F-017/60	
US 5707162	A		19	B41J-029/02	CIP of application US 94344242 CIP of patent US 5594920
EP 654767	B1	E	19	G07G-001/14	
Designated States (Regional): DE FR GB IT NL SE					
DE 69409068	E			G07G-001/14	Based on patent EP 654767
US 5794214	A			G06F-003/12	Cont of application US 94344242 Cont of patent US 5594920
US 5927878	A			B41J-003/00	CIP of application US 94344242 Cont of application US 95549362 CIP of patent US 5594920 Cont of patent US 5707162
KR 172460	B1			G06F-015/21	

Abstract (Basic): EP 654767 A

The printing apparatus includes a body frame (70) housing a connector (52) for electrical connection to the control unit (10) to allow the exchange of data between them. A second connector (51) allows for electrical connection to an external device (35), other than the control unit. A **processor** (50 and 50') processes first data input via the first connector and second data input via the second connector.

The control unit (11) comprises a second body frame (71 and 72) housing. A **processor** (20) is controlled by a general-purpose operating system. There is a third connector (56). The first body frame and the second body frame are detachably mounted to each other so as to form one unit, the third connector is detachably connected to the first connector.

ADVANTAGE - Prevents loop connection of connection cable and provides highly reliable **PC - POS** system in which control unit and printer are integrated as one unit, in addition terminal is compact and inexpensive.

Dwg.1,5/12

Title Terms: **POS** ; TERMINAL; EMPLOY; PERSON; COMPUTER; CONTROL; DEVICE; PRINT; EXCHANGE; DATA; CONTROL; UNIT; LOGIC; LEVEL; THROUGH; FIRST; CONNECT; EXCHANGE; DATA; EXTERNAL; DEVICE; THROUGH; SECOND; CONNECT; EXAMPLE; DISPLAY; MODULE; PRINT; INSTALLATION; FRAME; CONNECT

Derwent Class: P75; T01; T04; T05

International Patent Class (Main): B41J-003/00; B41J-029/02; G06F-003/12; G06F-015/21; **G06F-017/60** ; G07G-001/12; G07G-001/14

International Patent Class (Additional): G06F-013/00; G06F-015/00; G07G-005/00

File Segment: EPI; EngPI

15/5/56 (Item 50 from file: 350)

010013653 **Image available**

WPI Acc No: 1994-281364/199435

XRPX Acc No: N94-221767

Controlling method for program execution in multitask computer - associating execution key with each task and comparing key with reference

key
Patent Assignee: GEC ALSTHOM TRANSPORT SA (ENGE)
Inventor: BRES G; SIMON F
Number of Countries: 015 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 615188	A1	19940914	EP 94400503	A	19940308	199435	B
FR 2702577	A1	19940916	FR 932812	A	19930311	199437	
EP 615188	B1	19971105	EP 94400503	A	19940308	199749	
DE 69406571	E	19971211	DE 606571	A	19940308	199804	
			EP 94400503	A	19940308		
ES 2108391	T3	19971216	EP 94400503	A	19940308	199806	

Priority Applications (No Type Date): FR 932812 A 19930311
Cited Patents: 01Jnl.Ref; DE 2939194; US 4251885
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 615188	A1	F	10	G06F-011/28	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
EP 615188	B1	F	11	G06F-011/28	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
DE 69406571	E			G06F-011/28	Based on patent EP 615188
ES 2108391	T3			G06F-011/28	Based on patent EP 615188
FR 2702577	A1			G06F-011/00	

Abstract (Basic): EP 615188 A
The method involves communicating by messages (i1,...in,o1,ok,om). Each task (T) emitting a message (ok) works out an execution key (Cex(ok)) associated with this message which identifies a causal dependence relation for the message defined by chronological order of task execution and the order of message receipt.
Each execution key is worked out by adding bit by bit (**pos** .) of binary words each contg. the binary representation of a task identifier of message (ij) or time stamp (theta(ij)). Before the binary addition, the binary words have been circularly permutated with different scales (s(2j-1), s(2j), s(2n+1), s(2n+2)) for each of them. An execution error is detected by comparing the execution key with an execution reference key.
ADVANTAGES Overcomes problems encountered in executing programs in multi-tasking computers.
Dwg.5/5
Title Terms: CONTROL; METHOD; PROGRAM; EXECUTE; COMPUTER; ASSOCIATE; EXECUTE; KEY; TASK; COMPARE; KEY; REFERENCE; KEY
Derwent Class: T01
International Patent Class (Main): G06F-011/00; G06F-011/28
International Patent Class (Additional): G06F-009/00
File Segment: EPI

15/5/57 (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009424277 **Image available**
WPI Acc No: 1993-117793/199314
XRPX Acc No: N93-089753
Integrated portable unit for point **of** sale **transactions - processes transactions using magnetic card reader carried within housing with numeric and alphabetic keyboard for entering customer information and**

bar-code scanner for scanning product

Patent Assignee: KHYBER TECHNOLOGIES CORP (KHYB-N)
Inventor: KUMAR R
Number of Countries: 019 Number of Patents: 011
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9306564	A1	19930401	WO 92US8210	A	19920925	199314 B
AU 9227564	A	19930427	AU 9227564	A	19920925	199332
			WO 92US8210	A	19920925	
US 5294782	A	19940315	US 91767270	A	19910927	199411
EP 605630	A1	19940713	EP 92921193	A	19920925	199427
			WO 92US8210	A	19920925	
US 5386106	A	19950131	US 91767270	A	19910927	199511
			US 94213489	A	19940315	
JP 7501903	W	19950223	WO 92US8210	A	19920925	199517
			JP 93506400	A	19920925	
US 5489773	A	19960206	US 91767270	A	19910927	199612
			US 94213489	A	19940315	
			US 94352231	A	19941208	
CA 2120011	C	19990803	CA 2120011	A	19920925	199951
			WO 92US8210	A	19920925	
JP 2983288	B2	19991129	WO 92US8210	A	19920925	200002
			JP 93506400	A	19920925	
EP 605630	B1	20010207	EP 92921193	A	19920925	200109
			WO 92US8210	A	19920925	
DE 69231684	E	20010315	DE 631684	A	19920925	200122
			EP 92921193	A	19920925	
			WO 92US8210	A	19920925	

Priority Applications (No Type Date): US 91767270 A 19910927; US 94213489 A 19940315; US 94352231 A 19941208
Cited Patents: US 4706095; US 5055660; US 5107100; US 5149947; WO 8706377
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9306564	A1	E	22	G06K-005/00	
Designated States (National): AU CA JP					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE					
AU 9227564	A			G06K-005/00	Based on patent WO 9306564
US 5294782	A		12	G06K-007/10	
EP 605630	A1	E	2	G06K-005/00	Based on patent WO 9306564
Designated States (Regional): BE DE FR GB LU NL					
US 5386106	A		11	G06K-007/10	Cont of application US 91767270 Cont of patent US 5294782
JP 7501903	W		1	G07G-001/12	Based on patent WO 9306564
US 5489773	A		11	G06K-007/10	Cont of application US 91767270 Cont of application US 94213489 Cont of patent US 5294782 Cont of patent US 5386106
CA 2120011	C	E		G06F-017/60	Based on patent WO 9306564
JP 2983288	B2		12	G07G-001/12	Previous Publ. patent JP 7501903 Based on patent WO 9306564
EP 605630	B1	E		G06K-005/00	Based on patent WO 9306564
Designated States (Regional): BE DE FR GB LU NL					
DE 69231684	E			G06K-005/00	Based on patent EP 605630 Based on patent WO 9306564

Abstract (Basic): WO 9306564 A
The portable unit (10) has a housing (20) with top, bottom and two end surfaces, and a magnetic reader unit (40) for reading credit card information carried within the housing adjacent to the first end of the

housing. A data entry portion is used for entering customer information, and a scanner scans the product identification information, the scanner position adjacent to the second end of the housing.

A display (80) displays selected credit card information, customer information and product identification information, and is located by the top surface of the housing. A printer (90) prints a customer receipt. A communications unit (110) furnishes transaction approval. A **processor receives** the credit card information, the customer information and the product identification information and controls the display, the printer and the approval furnisher.

ADVANTAGE - Provides portable, hand-held data collection terminal, including all necessary functions to facilitate and complete **point** of **sale** credit card transaction.

Dwg.1/6

Title Terms: INTEGRATE; PORTABLE; UNIT; POINT; SALE; TRANSACTION; PROCESS; TRANSACTION; MAGNETIC; CARD; READ; CARRY; HOUSING; NUMERIC; ALPHABET; KEYBOARD; ENTER; CUSTOMER; INFORMATION; BAR-CODE; SCAN; SCAN; PRODUCT
Derwent Class: T04; T05
International Patent Class (Main): G06K-005/00; G06K-007/10; G07G-001/12
International Patent Class (Additional): **G06F-017/60** ; G06K-007/00; G06K-017/00
File Segment: EPI

15/5/58 (Item 52 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009424263 **Image available**
WPI Acc No: 1993-117779/199314
Related WPI Acc No: 1995-155386
XRPX Acc No: N93-089739
ATMS/ POS **based electronic mail system - includes store and** forward **message switch for storing message and** transmitting **message to terminal of ATM/** POS **system**
Patent Assignee: VAJK H (VAJK-I); ATM COMMUNICATIONS INT INC (ATMC-N)
Inventor: STEPHENS W; VAJK H
Number of Countries: 034 Number of Patents: 013
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9306546	A1	19930401	WO 91US8343	A	19911107	199314 B
AU 9190428	A	19930427	AU 9190428	A	19911107	199332
			WO 91US8343	A	19911107	
US 5265033	A	19931123	US 91764449	A	19910923	199348
EP 605418	A1	19940713	WO 91US8343	A	19911107	199427
			EP 92900161	A	19911107	
AU 658590	B	19950427	AU 9190428	A	19911107	199525
BR 9107319	A	19950530	BR 917319	A	19911107	199528
			WO 91US8343	A	19911107	
JP 7508362	W	19950914	WO 91US8343	A	19911107	199545
			JP 92501283	A	19911107	
EP 605418	A4	19950517	EP 92900161	A		199615
CA 2119563	C	19981013	CA 2119563	A	19911107	199851
JP 3038345	B2	20000508	WO 91US8343	A	19911107	200027
			JP 92501283	A	19911107	
EP 605418	B1	20000705	WO 91US8343	A	19911107	200035
			EP 92900161	A	19911107	
DE 69132294	E	20000810	DE 632294	A	19911107	200045
			WO 91US8343	A	19911107	
			EP 92900161	A	19911107	

ES 2151883 T3 20010116 EP 92900161 A 19911107 200108

Priority Applications (No Type Date): US 91764449 A 19910923
Cited Patents: US 4648037; US 4902881; US 4960981; No-Citns.
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9306546	A1	E	67	G06F-007/08	
Designated States (National): AT AU BB BG BR CA CH DE DK ES FI GB HU JP KP KR LK LU MC MG MW NL NO RO SD SE SU					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL OA SE					
AU 9190428	A			G06F-007/08	Based on patent WO 9306546
US 5265033	A		26	G06F-007/08	
EP 605418	A1	E	2	G06F-007/08	Based on patent WO 9306546
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
AU 658590	B			G06F-015/30	Previous Publ. patent AU 9190428
					Based on patent WO 9306546
BR 9107319	A			G06F-017/60	Based on patent WO 9306546
JP 7508362	W		15	G06F-013/00	Based on patent WO 9306546
EP 605418	A4			G06F-007/08	
CA 2119563	C			G06F-007/08	
JP 3038345	B2		21	G06F-013/00	Previous Publ. patent JP 7508362
					Based on patent WO 9306546
EP 605418	B1	E		G07F-007/00	Based on patent WO 9306546
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
DE 69132294	E			G07F-007/00	Based on patent EP 605418
					Based on patent WO 9306546
ES 2151883	T3			G07F-007/00	Based on patent EP 605418

Abstract (Basic): WO 9306546 A

The ATM or **POS** system has a terminal (22,23,26,28 or 34) and **processor** (18 or 26) which are connected to an ATM of **POS** data communications network. The network also includes a store and **forward** message switch (52) which stores user messages for remote retrieval and uses as an electronic mail system (10) on a data communications network (42).

Messages can be stored or retrieved through standard ATM or **POS** terminals, through a service bureau, through touch tone telephones (84) or via modems (76). Messages can be retrieved remotely and **sent** to a fax (82); a remote **pager** or computer (72).

ADVANTAGE - Public can readily avail themselves of electronic mail services.

Dwg.1/6

Title Terms: **POS** ; BASED; ELECTRONIC; MAIL; SYSTEM; STORAGE; **FORWARD** ; MESSAGE; SWITCH; STORAGE; MESSAGE; **TRANSMIT** ; MESSAGE; TERMINAL; ATM; **POS** ; SYSTEM
Derwent Class: T01; T05
International Patent Class (Main): G06F-007/08; G06F-013/00; G06F-015/30; **G06F-017/60** ; G07F-007/00
International Patent Class (Additional): G06F-019/00; G07F-017/26; H04L-012/54; H04L-012/58
File Segment: EPI

15/5/59 (Item 53 from file: 350)
DIALOG(R)File 350:Derwent WPIX

004628176
WPI Acc No: 1986-131519/198620
XRPX Acc No: N86-097188

Customer data input system for point -of- sale **terminal - includes** portable **input** device **for reading data from card and for** transmitting **data through coupling device to terminal**

Patent Assignee: NCR CORP (NATC)
Inventor: FUKUSHIMA M; YOROZU S
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8602757	A	19860509	WO 85US2022	A	19851017	198620 B
EP 200752	A	19861112	EP 85905295	A	19851017	198646
US 4722054	A	19880126	US 85753488	A	19850710	198807
CA 1241749	A	19880906				198840
EP 200752	B	19900425				199017
DE 3577363	G	19900531				199023

Priority Applications (No Type Date): US 85753488 A 19850710; JP 84228040 A 19841031
Cited Patents: 2.Jnl.Ref; GB 2054928; US 3786420; US 4277837; US 4341951; JP 54041197
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8602757	A	E	34		
Designated States (Regional): DE FR GB					
EP 200752	A	E			
Designated States (Regional): DE FR GB					
EP 200752	B				
Designated States (Regional): DE FR GB					

Abstract (Basic): WO 8602757 A
An input device (10) includes magnetic reading heads arranged to read magnetically-recorded data recorded on either side of a card presented by a customer. A keyboard (88) of the **point** of **sale** terminal (14) allows input of the customer's personal identification nurber.
The data read from the card and the PIN are stored in a **memory** (28). The stored data are retrieved in response to a request from the **point** of **sale** terminal and passed to the terminal by way of a respective **transmitter - receiver** (42,44) in the **portable** input **device** and the coupling device (12).
ADVANTAGE - Card reading operation and PIN input operation are able to be performed independently of operation of **POS** terminal. Minimises risk that secrecy of PIN becomes breached and reduces delays at terminal. (34pp Dwg.No.1/9)
Title Terms: CUSTOMER; DATA; INPUT; SYSTEM; POINT; SALE; TERMINAL; PORTABLE ; INPUT; DEVICE; READ; DATA; CARD; **TRANSMIT** ; DATA; THROUGH; COUPLE; DEVICE; TERMINAL
Derwent Class: T04; T05
International Patent Class (Additional): G07F-007/10; G07G-001/12
File Segment: EPI

15/5/60 (Item 54 from file: 350)
DIALOG(R)File 350:Derwent WPIX

004224938
WPI Acc No: 1985-051817/198509
XRAM Acc No: C85-022502
XRPX Acc No: N85-038574
Credit control and purchasing system - uses portable card having visual

display of information amended on transaction
Patent Assignee: JOHNSON MATTHEY PLC (JOHO)
Inventor: HOOD C; NEWPORT D J
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2144250	A	19850227	GB 8215704	A	19820303	198509 B
GB 2144250	B	19851218				198551

Priority Applications (No Type Date): GB 8415704 A 19830728; GB 816820 A 19810304; GB 8215704 A 19820303; GB 826275 A 19830728
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2144250	A		6		

Abstract (Basic): GB 2144250 A

System comprises (a) a **portable** credit **device** , pref. a card, carrying information, (part of) which is visually displayed; (b) a reader unit for reading information carried by the card; (c) a **processor receiving** the read information and, processing it, opt. in conjunction with additional stored or available information; and (d) a transcriber unit **receiving** processed information and corresp. amending (some of) the information carried by the card. The system is used in purchase of goods, where a customer is issued with a card in exchange for cash or credit, the nominal value of which is entered and shown as a visible display in alphabetical, numeric or symbolic form. The card is accepted from the customer at a **point** of **sale** , and processed by the system. It is returned to the customer with the visible displayed value reduced by the value of goods purchased.

ADVANTAGE - Information is updated on the card, and transactions are conducted without delays for e.g. signature, verification etc. The system may also be applicable to stock cards, or for monitoring any financial transaction.

0/0

Title Terms: CREDIT; CONTROL; PURCHASE; SYSTEM; PORTABLE; CARD; VISUAL; DISPLAY; INFORMATION; TRANSACTION
Derwent Class: G05; T04; T05
International Patent Class (Additional): G06K-017/00
File Segment: CPI; EPI

15/5/61 (Item 55 from file: 350)
DIALOG(R)File 350:Derwent WPIX

003359783
WPI Acc No: 1982-L7808E/198236
Portable memory device **for e.g.** point **of** sale **service - has pattern of segments which can be activated by signal to provide data read-out and then erased**
Patent Assignee: JOHNSON MATTHEY PLC (JOHO)
Inventor: HOOD C; NEWPORT D J
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2094044	A	19820908				198236 B
EP 60650	A	19820922				198239
US 4544834	A	19851001	US 84601107	A	19840418	198542
GB 2094044	B	19851218				198551

Priority Applications (No Type Date): GB 816820 A 19810304; GB 8415704 A 19810227; GB 826275 A 19820303
Cited Patents: US 3796999; US 4240712
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2094044	A		5		
EP 60650	A	E			

Designated States (Regional): DE FR GB NL

Abstract (Basic): GB 2094044 A

The device comprises a conveniently portable unit, such as a card which has formed thereon a pattern comprising individual segments each of which can be activated by an externally applied signal to give a visible and persistent display of information which remains visible in the absence of the signal. Each segment can be deactivated to erase the visible display also by means of an externally applied signal. The device has electrical connections to each individual segment for applying the external signals ; each individual segment of the pattern formed on the card comprises an electrochromic cell.

Also included is a control system comprising: a reader unit for reading and **transmitting** the information carried by the card; and a **processor** for **receiving** the **transmitted** information from the reader unit, processing the information **received** (optionally in conjunction with information stored by or available to the **processor**) and **transmitting** information resulting from the processing. A transcriber unit **receives** the **transmitted** information and correspondingly amends the information carried on the card. Information is recorded on the card at least in part by means of a visual display and is capable of amendment or modification by an external signal applied by the transcriber unit and may be magnetic, electronic, optical chemical or electrochemical in nature. A combination of these methods of storage enable a parity check to be used in order to verify the information stored.

Title Terms: PORTABLE; **MEMORY** ; DEVICE; POINT; SALE; SERVICE; PATTERN; SEGMENT; CAN; ACTIVATE; SIGNAL; DATA; READ-OUT; ERASE
Derwent Class: T04; T05
International Patent Class (Additional): G06K-001/00; G06K-019/08
File Segment: EPI

```
Set     Items   Description
S1         13   AU=(ROLF, D? OR ROLF D?)
S2     188892   TELEPHONE? OR PHONE? OR WIRELESS OR CELLULAR? OR CELLPHONE?
S3      15238   POS OR POINT(1W)SALE
S4     678913   MONEY OR MONETARY OR ACCOUNT? ? OR AMOUNT?
S5     127809   SALE? ? OR TRANSACTION? OR BUY???? OR SELL??? OR PURCHAS? -
             OR SHOP?
S6    1053303   TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL-
             OAD? OR RECEIV?
S7     303126   TRANSMITTER? OR RECEIVER? OR MEMORY OR PROCESS?R?
S8     111928   PDA OR PDAS OR PERSONAL()DIGITAL()ASSISTANT? ? OR PALMPILO-
             T? ? OR PALM()PILOT? ? OR (HANDHELD? OR PORTABLE?)(1W)(COMPUT-
             ER? ? OR DEVICE? ?) OR PAGER? ? OR PAGING OR PIM OR INFORMATI-
             ON()MANAGER? OR PC OR LAPTOP? OR LAP()TOP? ?
S9        1913   S3(S)(S2 OR S8)
S10        526   S9(S)S7
S11          0   S1 AND S9
S12        324   S10(S)S6
S13        104   S12(S)S4
S14         37   S13 AND IC=G06F-017/60
? show files
File 348:EUROPEAN PATENTS 1978-2003/Jan W02
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030116,UT=20030109
         (c) 2003 WIPO/Univentio
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14/3,K/1 **(Item 1 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

01482180
Apparatus and system for monitoring a point card
Vorrichtung und System zur Uberwachung einer Punktkarte
Dispositif et systeme pour la surveillance d'une carte-a-points
PATENT ASSIGNEE:
Pioneer Corporation, (2812420), 4-1 Meguro 1-chome, Meguro-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Nohara, Manabu, c/o Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288, (JP)
Ichihara, Naohiko, c/o Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288, (JP)
LEGAL REPRESENTATIVE:
Betten & Resch (101033), Patentanwalte, Theatinerstrasse 8, 80333 Munchen , (DE)
PATENT (CC, No, Kind, Date): EP 1253561 A2 021030 (Basic)
APPLICATION (CC, No, Date): EP 2002009041 020423;
PRIORITY (CC, No, Date): JP 2001124276 010423
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07F-007/08; G07G-001/00; **G06F-017/60**
ABSTRACT WORD COUNT: 67
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200244	1235
SPEC A	(English)	200244	7480
Total word count - document A			8715
Total word count - document B			0
Total word count - documents A + B			8715

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION Radio communication is made between the POS cash register 1 and terminal device 2.

The **POS** cash register 1 includes a total payment calculating unit 11, a point card **processor** 12, a controller 13, a **memory** 14, a display unit 15, an operation unit 16 and a radio **transmission** /reception device 17. The total payment calculating unit 11 is a main module of the **POS** cash register or checkout counter, which is used to count a sum of **money** paid for purchased merchandise. The point card **processor** 12 electronically issues a point card (electronic card) to a new customer. The point card **processor** 12 has other tasks such as monitoring of the expiration date of each of the...

...point cards. The controller 13 is connected to the sum calculating unit 11, point card **processor** 12, **memory** 14, display unit 15, operation unit 16 and radio **transmission** /reception unit 17 and controls these hardware elements. The controller 13 thus controls the overall operation of the **POS** cash register 1. The **memory** 14 stores various data such as customer's names (card holder's names), **telephone** numbers, email

addresses, card numbers, accumulated point counts, expiration dates, names of purchased merchandise, and...

...unit 15 displays data prepared by the sum calculating unit 11 and/or point card **processor** 12. The display unit 15 also displays data and instructions entered from the operation unit 16. The radio **transmission** /reception unit 17 is a radio communication device which operates using Bluetooth technology.
The terminal...

14/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01294998
Transaction system and method
Transaktionssystem und -verfahren
Systeme et methode de transactions
PATENT ASSIGNEE:
NOKIA MOBILE PHONES LTD., (997966), Keilalahdentie 4, 02150 Espoo, (FI), (Applicant designated States: all)
INVENTOR:
Cofta, Piotr, Arctowskiego 8A/8, 80-288 Gdansk, (PL)
LEGAL REPRESENTATIVE:
Style, Kelda Camilla Karen et al (75491), Page White & Farrer, 54 Doughty Street, London WC1N 2LS, (GB)
PATENT (CC, No, Kind, Date): EP 1111561 A2 010627 (Basic)
APPLICATION (CC, No, Date): EP 2000310463 001124;
PRIORITY (CC, No, Date): GB 9930592 991223
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07F-019/00; G07F-007/08; **G06F-017/60**
ABSTRACT WORD COUNT: 74
NOTE:
Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200126	1469
SPEC A	(English)	200126	5231
Total word count - document A			6700
Total word count - document B			0
Total word count - documents A + B			6700

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION as to whether or not the transaction can proceed. This occurs in step S9. The **point** of **sale** device 16 **receives** in step S10, information confirming that the transaction can proceed. In step S10, the communication device will also **send** to the **point** of **sale** device 16 any other required information. This information may include the identity of the card holder 14, the number of the card or **account** of the card holder 40 and any other required information which the **point** of **sale** device 16 requires. The information concerning the format of the data presented to the **point** of **sale** device 16 is forwarded from the card entry 20 to the device 22 in step...

14/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01208994
TELEPHONE CHARGE MANAGEMENT SYSTEM
TELEFONGEBUHREN-VERWALTUNGSSYSTEM
SYSTEME DE GESTION DE FACTURATION TELEPHONIQUE
PATENT ASSIGNEE:
Muramatsu, Yasuo, (3117760), 37-4-605, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-0015, (JP), (Applicant designated States: all)
Yokoi, Masato, (2839680), 494, Hondacho 1-chome, Midori-ku, Chiba-shi, Chiba 266-0005, (JP), (Applicant designated States: all)
INVENTOR:
Muramatsu, Yasuo, 37-4-605, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-0015, (JP)
Yokoi, Masato, 494, Hondacho 1-chome, Midori-ku, Chiba-shi, Chiba 266-0005, (JP)
LEGAL REPRESENTATIVE:
Hering, Hartmut, Dipl.-Ing. (5323), Patentanwalte Berendt, Leyh & Hering Innere Wiener Strasse 20, 81667 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1161072 A1 011205 (Basic)
WO 200054490 000914
APPLICATION (CC, No, Date): EP 2000907930 000308; WO 2000JP1382 000308
PRIORITY (CC, No, Date): JP 9962554 990310; JP 99300546 991022
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: H04M-015/00; H04M-011/00; H04M-001/27; G07F-007/10; **G06F-017/60**
ABSTRACT WORD COUNT: 149
NOTE:
Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200149	4958
SPEC A	(English)	200149	14306
Total word count - document A			19264
Total word count - document B			0
Total word count - documents A + B			19264

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION is a drawing for showing telephone card examples.
In the drawings, numeral 1 shows a **cellular phone** , 1' shows a **telephone** card, 2 shows a ROM portion, 3 shows a RAM portion, 5 shows an operation portion, 7 shows a display portion, 10 shows an antenna, 12 shows a **sender / receiver** portion, 13 shows a modulation/demodulation portion, 15 shows a speaker, 17 shows a microphone...

...shows a central processing unit (CPU portion), 21 shows a base station of a connection **telephone** company, 23 shows a switchboard of a connection **telephone** company, 25 shows a general **telephone** network, 27 shows a terminal of a person to whom a call is made, 30...

...central control means, 39 shows an output means for outputting electric data text for a **POS** terminal, 39' shows an output means for outputting merchandize code data, 40 shows a **POS** terminal,41 shows a communication

control means, 45 shows an IC card, 45' shows an...

...53 shows a card reader means, 55 shows a display means, 57 shows a paper **money** handling means, 59 ...insertion slot for bills, etc., 70 shows a bankbook insertion slot, 71 shows a paper **money** in and out port, 73 shows a coin in and out port, 75 shows a touch panel display portion, 100 shows a management host computer of a connection **telephone** company, 100' shows a managing host computer of another connection **telephone** company, 100" shows a management host computer of still another connection **telephone** company, 100'''shows a management host computer of yet another connection **telephone** company, 103 shows a host central control means, 105 shows a host management **memory** , 107 shows a host billed- **amount** management means, 109 shows an interface portion of the host computer, 109' shows an operational...

...host computer of a bank, 201 shows a bank communication control means, 203 shows an **account** management file, 208 shows a bank central control means, 203-1 shows a customer **account** of an intending purchaser, 203-2 shows an **account** of a connection **telephone** company, L shows an electric data text of a merchandise code to be outputted to the **POS** terminal, M shows an electric data text of merchandise information, etc., to be **sent** to the host computer, 5a shows a numeric keypad, 5b shows function keys, 5c shows...

14/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950415 **Image available**
METHODS AND SYSTEMS FOR REMOTE POINT-OF-SALE FUNDS TRANSFER
PROCEDES ET SYSTEMES DE TRANSFERT DE FONDS D'UN POINT DE VENTE A DISTANCE
Patent Applicant/Assignee:
CAPITAL ONE FINANCIAL CORPORATION, 2980 Fairview Park Drive, Falls Church, VA 22042, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
GUZMAN Javier, 8833 Hunting Lodge Court, Vienna, VA 22182, US, US (Residence), VE (Nationality), (Designated only for: US)
LANCASTER Eric Scott, 3368 South 5th Street, Arlington, VA 22204, US, US (Residence), US (Nationality), (Designated only for: US)
STRADTMAN Robert W, 809 North Wayne Street, Apt. B-3, Arlington, VA 22201 , US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200284566 A1 20021024 (WO 0284566)
Application: WO 2002US8252 20020410 (PCT/WO US0208252)
Priority Application: US 2001828830 20010410
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

Fulltext Word Count: 5090

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... card issuer 140.

POS location 120 includes any merchant connected to network 130.

For example, **POS** location 120 may include retail stores, ...4 ATM machines, or any other business that is equipped to accept credit card transactions. **POS** location 120 further includes a **POS processor** 125 used to obtain credit transaction information from customer 1 1 0 and to **transmit** that information to other entities connected to network 130. In systems consistent with the present invention, **POS** 120 may also **receive** payments to the outstanding balance of credit card **accounts** of customers 1 10. **POS** location 120 is connected to card issuer 140 and acquiring bank 150 through network 130 example, an existing secure credit network, a local area network (LAN), a public **telephone** switching network, an automated clearing house (ACH) network, or a wide area network, such as...

14/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00943629 **Image available**
AN ONLINE CONTENT PORTAL SYSTEM
SYSTEME DE PORTAIL DE CONTENU EN LIGNE
Patent Applicant/Assignee:
NETSPEND CORPORATION, 501 Congress Avenue, Suite 18, Austin, TX 78701, US , US (Residence), US (Nationality)
Inventor(s):
SOSA Bertrand, 11624 Jollyville Road, #938, Austin, TX 78759, US,
SOSA Rogelio, 11624 Jollyville Road, #938, Austin, TX 78759, US,
Legal Representative:
STANFORD Gary R (agent), Law Offices of Gary R. Stanford, 610 West Lynn, Austin, TX 78703, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200277758 A2-A3 20021003 (WO 0277758)
Application: WO 2002US7739 20020314 (PCT/WO US0207739)
Priority Application: US 2001277688 20010321; US 200297170 20020313
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 25771

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... include the EFT network, the ACH network, Fedwire transfers and transfers made at ATMs and **point** -of- **sale** (**POS**) terminals. The cash **account** system 107 is a certified financial data **processor** of the CAS charge numbers 105 and the **processor** system 113 is configured to handle **processor** functions via the charge settlement network 115. hi this manner, the cash **account** system 107 is configured to interface the charge settlement network 115 and to operate as **processor** of the CAS charge numbers 105, including the card numbers 109 and the purchase numbers...like. At the point of sale, a customer requests a cash card for a specified **amount** . The **amount** may be specified in any currency denomination, such as US dollars, or in units equivalent...

...to a clerk or cashier, who produces a cash card, swipes it through the existing **POS** credit/debit card reader for validation, enters the **amount** of the card, and gives the card to the customer. The customer activates the card at an Internet ten-ninal or with 2o an ordinary **telephone** . The distributor merchant 303 **receives** $20 in the register, thereby generating a temporary surplus. The funds are ultimately **transferred** to the cash **account** system 107 and/or the issuing bank IO 1 through the standard electronic funds **transfer** already in use, such as the charge settlement network 115. For example, a batch fund **transfer** may be conducted between the cash **account** system
52
and a **POS** **processor** at regular intervals, which is done automatically in

14/3,K/6 **(Item 3 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00927464 **Image available**
METHOD AND APPARATUS FOR CONDUCTING LIVE, POINT-OF-SALE, ELECTRONIC MONITORING AND TRANSACTION SERVICES
PROCEDE ET APPAREIL DE REALISATION DE SERVICES DE TRANSACTION ET DE SURVEILLANCE ELECTRONIQUES D'UN POINT DE VENTE, EN DIRECT
Patent Applicant/Assignee:
U S WIRELESS DATA INC, 20th Floor, 750 Lexington Avenue, New York, NY 10022, US, US (Residence), US (Nationality)
Inventor(s):
LEVAKE Mark, 6435 Amethyst Ct, Colorado Springs, CO 80918, US,
TOLER Travis, 56 Sildona Trail, Florissant, CO 80815, US,
EGAN John, 1200 Galapago St.#813, Denver, CO 80204, US,
CRUPPER Randy, P.O. Box 731, 308 High St., Palmer Lake, CO 80133, US,
YOUNG Rodney, 2665 Purgatory Drive, Colorado Springs, CO 80918, US,
DANIS Aaron, 620 Walsen Road, Colorado Springs, CO 80921, US,
Legal Representative:
HOPKINS Brian P (agent), Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., Chrysler Center, 666 Third Avenue, New York, NY 10017, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200261534 A2-A3 20020808 (WO 0261534)
Application: WO 2002US2434 20020129 (PCT/WO US0202434)
Priority Application: US 2001264752 20010129; US 2001311519 20010809; US 2001350180 20011026
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11887

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... device and information related to purchases of a product and/or service, an interface for **transferring** data from the controller, and an Enabler device. The Enabler includes a **wireless** 5 data network transceiver linked to the interface, a card reader for entering Credit card **account** information, the reader in communication with the transceiver, and a micro-controller in communication with...

Claim
... device and information related to
purchases of a product and/or service;
an interface for **transferring** data from said controller;
an Enabler device comprising:
a **wireless** data network transceiver linked to said interface; ,
a card reader for entering credit card **account** information, said reader in communication with said transceiver; and
a micro-controller in communication with...

14/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00911090 **Image available**
ELECTRONIC FUNDS TRANSFER METHOD AND SYSTEM
PROCEDE ET SYSTEME DE TRANSFERT DE FONDS ELECTRONIQUES
Patent Applicant/Inventor:
PETIGNY Andree Michelle, 251 W. 19th Street, #613, New York, NY 10011, US , US (Residence), US (Nationality)
Legal Representative:
POKOTILOW Steven B (et al) (agent), Stroock & Stroock & Lavan, LLP, 180 Maiden Lane, New York, NY 10038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200245278 A2-A3 20020606 (WO 0245278)
Application: WO 2001US44683 20011129 (PCT/WO US0144683)
Priority Application: US 2000253666 20001129; US 2001292911 20010524
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12548

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... or keyboard, by touching designated regions on a touchscreen, and other appropriate ways.

Electronic funds **transfers** also take place over the Internet. To complete such a transaction, a customer or his designee typically types in his debit card or bank **account** credit card number, and other verification information, such as the expiration date of the card, the customer's address, **phone** number and possibly a PIN. This information is the encoded and **transmitted** over the World Wide Web to the appropriate location. There are also other types of electronic funds **transfers** . For example, smartcards are typically rigid substrates with a chip having solid state **memory** embedded therein. The **memory** records pertinent information for the 1 0 last transaction, such as an **account** number, balance, available funds information, etc. The card is placed inside or near a smartcard reader that is capable of extracting the information as necessary while **POS** devices, internet browsers and smartcards may readily be used with the invention, any system or...

14/3,K/8 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00893473 **Image available**
SYSTEM AND METHOD FOR PURCHASING GOODS AND SERVICES THROUGH FINANCIAL DATA NETWORK ACCESS POINTS
SYSTEME ET PROCEDE D'ACHAT DE PRODUITS ET DE SERVICES VIA DES POINTS D'ACCES DE RESEAUX DE DONNEES FINANCIERES
Patent Applicant/Assignee:
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Inventor(s):
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CHAMBERLIN John, 1518 Ellen Court, Little Rock, AR 72212, US,
BENKO William, 2745 So Marshall Street, Denver, CO 80227, US,
Legal Representative:
ALBERT Jennifer A (et al) (agent), Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200227629 A1 20020404 (WO 0227629)
Application: WO 2001US40024 20010206 (PCT/WO US0140024)
Priority Application: US 2000670826 20000928
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13280

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... Application System 3 5 0 and a consumer as is appropriate to the varying bandwidths, **memory** capacities, processing abilities, input and navigation methods, and common uses and environments of the plurality...

...compatible with, an SMS device may be limited to 160 text characters for sending and **receiving** information. A WAP device provides greater versatility and, therefore, an interface used in connection with...

...graphics and other data, but may need to be designed for the limited bandwidth and **memory** of most WAP devices. Webbased devices may have any range of capabilities, depending largely on the type of terminal device and the bandwidth, **memory** , and input capabilities of the intended terminal device. Even within a particular communications protocol, it...

...service end points 310 and enable the purchase of goods and services through voucher and **account** applications at those same service end points. As shown in Figure 3, Interface System 3a 1 0 WAP Interface module 333, an ATM Interface module 334, and a **POS** Interface module 335. Other interfaces may also be supported by alternate embodiments, such as interfaces supporting other **wireless** protocols and communications networks, voice interfaces for **telephone** access, proprietary and LAN interfaces for secure limited access special services (e.g, for service...

14/3,K/9 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00879194 **Image available**
PERSON-CENTRIC ACCOUNT-BASED DIGITAL SIGNATURE SYSTEM
SYSTEME DE SIGNATURE NUMERIQUE FONDE SUR UN COMPTE CENTRE SUR UNE PERSONNE
Patent Applicant/Assignee:
FIRST DATA CORPORATION, Suite 330K, 6200 South Quebec Street, Greenwood Village, CO 80111, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WHEELER Lynn Henry, One Canon Drive, Greenwood Village, CO 80111, US, US (Residence), US (Nationality), (Designated only for: US)
WHEELER Anne M, One Canon Drive, Greenwood Village, CO 80111, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
TILLMAN Chad D (agent), Morris, Manning & Martin, LLP, Suite 1125, 6000 Fairview Road, Charlotte, NC 28219, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200213455 A1 20020214 (WO 0213455)
Application: WO 2001US41587 20010806 (PCT/WO US0141587)
Priority Application: US 2000223076 20000804
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 49174

...International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... combination with a card reader, all of which are preferably used in conjunction with the **account** holder's computer, then the message is generated on or **received** by the computer, the hash value is either generatedby the computer and **transmitted** to the person-centric device 6450 or the personcentric device 6450 **receives** the message and generates the hash value itself, and then the personcentric device 6450 originates...
...at a public interface location, such as an ATM machine, a card reader, an RF **receiver / transmitter** , or **point** of **sale** reader, then the message and hash value of the message are preferably generated external from the person-centric device 6450, the hash value is **transmitted** to the person-centric device 6450, and then the person-centric device 6450 originates the...

14/3,K/10 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00876854 **Image available**
SYSTEM AND METHOD FOR TRANSPONDER-ENABLED ACCOUNT TRANSACTIONS
SYSTEME ET PROCEDE PERMETTANT DES TRANSACTIONS DE COMPTE ACTIVEES PAR REPONDEUR
Patent Applicant/Assignee:
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Inventor(s):
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BERTETTI Scott Philip, 1303 N. Bancroft Parkway, Wilmington, DE 19806, US ,
BEECHUM Gerald A Jr, 1130 S. Michigan Avenue, #2510, Chicago, IL 60605, US,
Legal Representative:
SCOTT Thomas J Jr (et al) (agent), Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200211019 A1 20020207 (WO 0211019)
Application: WO 2001US23030 20010723 (PCT/WO US0123030)
Priority Application: US 2000630595 20000801
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3273

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... has become increasingly popular in recent times. The advent of compact, inexpensive electronics, transponder-equipped **point** of **sale** equipment, and attendant information processing assets have enabled a variety of vendors to offer **account** -linked transaction systems. Those systems include, for example, subway or other transportation devices, **telephone** calling devices, and others such as the SpeedPasSTM offered by Mobil Corp. for gasoline **point** of **sale** transactions. In that and other systems, a **receiver** emits electromagnetic signals to a device in proximity to a gasoline pump over radio frequencies...

...is identified by some sort of identification information, which information is then relayed from the **point** of **sale** to an offsite information processing facility. However, these types of distributed systems suffer from more...

...watch manufactured by the Swatch Corporation. Embedding in other personal articles, such as key chains, **pagers** , clothing or other items is also possible., In the operation of the invention, a user who has subscribed to the **account** system of the invention may approach the **receiver** 106 at the **point** of **sale** device 108 to initiate and complete a purchase or other transaction, such as at a...

...digit number or other identifying information. In this embodiment, transponder 102 may also store an account table 112 directly recording **account** information for the subscribed user of the transponder 102. The **account** table 112 may be or include, for instance, an indication of an **account** number, balance, limit and other information for a debit **account** , a cash **account** , a credit card **account** , special premises **account** for internal use such as by employees, or other **account** information associated with users of the system.

In the implementation of this embodiment of the...

14/3,K/11 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00874899 **Image available**
ADMINISTERING INCENTIVE AWARD PROGRAM
GESTION D'UN PROGRAMME DE PRIME D'INCITATION
Patent Applicant/Inventor:
GALLAGHER P Christopher J, 6009 Goshen Road, Newtown Square, PA 19073, US , US (Residence), US (Nationality)

Legal Representative:
SMITH Loretta F (agent), Drinker Biddle & Reath LLP., One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200209015 A1 20020131 (WO 0209015)
Application: WO 2001US23312 20010725 (PCT/WO US0123312)
Priority Application: US 2000220672 20000725
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 33249

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... transacting, @ nontransacting or business entity parties are fee-paying, what their fees are, the revenue **amount** of the transaction, the kind of transaction, the date and location of the transaction, which ...

...site, whe-ther the incentive award arises from a lottery, etc. In the implementation method; **receiving** and/or transmitting signals indicative of data involves the use of a data input device and a computer **processor** which can be connected to a communications network, including the Intemet. A data input device includes computers, network tenninals, hand-held devices, pointof-sale [**POS**] terminals, such as a cash register with a credit card reader, a smart-card reader, bank card reader and/or a **telephone** card reader, an automatic teller machine [ATM] and the like.

Ano-ther embodiment of a...

14/3,K/12 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00874879 **Image available**
NON-CASH TRANSACTION INCENTIVE AND COMMISSION DISTRIBUTION SYSTEM
SYSTEME D'INCITATION ET DE DISTRIBUTION DE COMMISSION POUR TRANSACTIONS SANS MANIPULATION D'ESPECES
Patent Applicant/Inventor:
MASI Larry A, 476 Delaware Avenue, Egg Harbor Township, NJ 08239, US, US (Residence), US (Nationality)
MASI Monica R, 476 Delaware Avenue, Egg Harbor Township, NJ 08239, US, US (Residence), US (Nationality), (Designated only for: US)
FOSKO Joseph J Jr, P.O. Box 595, New Providence, NJ 07974, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
CHILD John S Jr (agent), Dann Dorfman Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103-2307, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200208992 A2 20020131 (WO 0208992)
Application: WO 2000US20196 20000725 (PCT/WO US0020196)
Priority Application: WO 2000US20196 20000725
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3775

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... location 10, The location may
comprise a retail site or an operator taking orders by
phone for a catalog or a computer site being used to
sell products through a network...

...and a
magnetic stripe reader 12b, for acquiring data
pertaining to a purchase; a digital **memory** (not shown)
for temporarily storling purchase data; and an
electronic communication interface, such as a modem
12c, for communicating purchase data and for **receiving**
an authorization @;ignal pursuant to a purchase,
When a member desires to make a purchase...

...10, the member provides his
or her deb it card for entering the member's **account**
number into the **memory** of the purchase processing
terminal 12 via the magnetic stripe reader 12b, The
amount of the purchase is entered into the **memory** of
the **POS** terminal via the keyboard 12a (or other data
entry means, such as a barcode scanner...

...interface 12c to establish an electronic
data connection 13 with a debit authorization and
transaction **processor** 14. In embodiments wherein the
communication interface 12c comprises a modem, the
data connection 14 may be a telephonic connection. In
other embodiments, alternative known methods of
electronic data **transmission** may be employed-to
establish the data connection 13.
The purchase processing terminal 12 is...

14/3,K/13 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00867340 **Image available**
INITIALIZING/ACTIVATING ACCOUNTS UTILIZABLE FOR PURCHASING/PROVISIONING

ITEMS/SERVICES OVER DATA COMMUNICATIONS NETWORKS
INITIALISATION ET ACTIVATION DE COMPTES PERMETTANT D'ACHETER OU DE S'APPROVISIONNER EN ARTICLES OU SERVICES DANS DES RESEAUX DE COMMUNICATIONS DE DONNEES

Patent Applicant/Assignee:
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Patent Applicant/Inventor:
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KLEAR Jordan C, 7111 Woodmont Avenue, Apt. 404, Bethesda, MD 20815, US, US (Residence), US (Nationality), (Designated only for: US)
STEREN Marc N, 7620 Old Georgetown Road, Apt. 815, Bethesda, MD 20814, US , US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
DONNER Irah H (et al) (agent), Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200201451 A1 20020103 (WO 0201451)
Application: WO 2000US31346 20001116 (PCT/WO US0031346)
Priority Application: US 2000213519 20000623; US 2000215878 20000630; US 2000702794 20001101
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 33608

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... or similar devices.

BRIEF DESCRIPTION OF THE DRAWINGS
FIG. 1 is a graph illustrating the **amount** of **money** spent on movie admissions in recent years in
the United States;
FIG. 2 is a...

...FIG. 1 1 is a flow chart illustrating operation of a prior art electronic fund **transfer** system; FIG. 12 is a flow chart illustrating operation of a prior art system. which...

...present invention; FIG. 14 illustrates some of the interactions occurring between a proxy and a **POS** system; FIG. 15 illustrates some of the interactions occurring between identification devices and a theatre...

...flow diagram. illustrating one example of an initialization or activation

at a **point** of **sale** upon presentation of an identification device for provisioning of said purchase. 106. A system for initializing an **account** for use in a provisioning process, said system comprising: means for **receiving** a communication from a user requesting activation of said **account** ; means for activating, in response to said communication, said **account** to allow storage of information therein regarding a purchase made by said user, including admittance...

...and
means for distributing an identification device to said user upon verifying activation of said **account** , said identification device utilizable for accessing said **account** at a **point** of **sale** for provisioning of said purchase and to admit the user to the at least one entertaimnent event. 107. A system for initializing an **account** for use in a provisioning process, said system comprising: means for **receiving** a conununication from a user requesting activation of said **account** ; means for activating, in response to said conununication, said **account** to allow storage of inforination therein regarding a purchase made by said user, including admittance...said user; and means for transmitting said identifier to said user for storage in a **memory** of an identification device utilizable for accessing said **account** at a **point** of **sale** for provisioning of said purchase and to admit the user to the at least one entertainment event. 108. A system for initializing an **account** for use in a provisioning process, said system comprising: means for distributing an identification device...

...directs the user to
access at least one website via the Intemet to activate the **account** ; means for **receiving** a communication from the user requesting activation of said **account** via
accessing the website and via the Intemet; and
means for activating, in response to said coinmunication, said **account** to allow storage of information therein regarding a purchase made by said user, including admittance...

...purchases to be provided to the user at the at least one event, wherein said **account** is accessible at a **point** of **sale** for provisioning of said purchase upon presentation of said identification device and to adnut the user to the at least one entertainment event. 109. A system of initializing an **account** for use in a provisioning process, said system comprising: means for **receiving** a conununication from a user requesting activation of said **account** ; and means for activating, in response to said communication, said **account** to allow storage of information therein regarding a purchase made by said user, said **account** being accessible at a **point** of **sale** upon presentation of an identification device for provisioning of said purchase.

14/3,K/14 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00851721
SYSTEM TO PROVIDE DISCOUNT AMOUNTS FOR PERFORMANCE OF WORK ASSIGNMENTS
SYSTEME CONCU POUR FOURNIR DES RABAIS POUR L'EXECUTION D'ATTRIBUTIONS DE TACHES
Patent Applicant/Assignee:
WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)
KOBAYASHI Michiko, 59 Somerset Lane, Stamford, CT 06903, US, US
(Residence), US (Nationality), (Designated only for: US)
TALWALKAR Nandu A, 75 Summer Street, New Canaan, CT 06840, US, US
(Residence), US (Nationality), (Designated only for: US)
Legal Representative:
ALDERUCCI Dean P (agent), Walker Digital Corporation, Five High Ridge Park, Stamford, CT 06905, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200184445 A2 20011108 (WO 0184445)
Application: WO 2001US14236 20010502 (PCT/WO US0114236)
Priority Application: US 2000201339 20000502; US 2000605640 20000628
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 19264

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... device 370 is an interface port through which the customer device 200, such as a **PDA** , may communicate with the **POS** tenninal 300. As such, the customer identifier and/or the **account** identifier may be directly **transmitted** from the customer device 200 to the **POS** tenninal 300. The customer input/output device 370 according to this embodiment may also **receive** selected discount infonnation and work credit infonnation, discussed in detail below, directly from the customer device 200
A storage device 380 is connected to the **processor** 3 10, and stores **processor** -executable process steps of a **POS** program 381 which are executed by the **processor** 3 1 0 so as to allow the **POS** tenninal 300 to operate in aceordance with the present invention. As described above with respect to the storage device 260 and the storage device 160, the process steps of the **POS** program 381 may be stored in the storage device 380 during manufacturer of the storage device 380, may be **downloaded** from a compact disc or other computer-readable medium, or clan be retrieved from a...

14/3,K/15 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00837831 **Image available**
ELECTRONIC COMMERCE AND INFORMATION CONTROL SYSTEM
SYSTEME ET PROCEDES DE COMMERCE ELECTRONIQUE PRESENTANT DES INFORMATIONS GLOBALES ACCESSIBLES ET DES INFORMATIONS ET CONTROLES SPECIFIQUES DISPONIBLES
Patent Applicant/Assignee:

to a particular bookstore and may also **send** payment or payment inforn-lation to the bookstore. Along with the
1 9
order information...

...product to be reserved or placed on hold for pickup. The particular store involved may **receive** the order, the reservation request, and possibly the payment information. The store may then process 154 the order, 5 reservation request and/or the payment. The store may then **send** 156 a notification including confirmation information and pickup information. In some embodiments herein, the notification and pickup inforniation will be **sent** from the store to the server computer(s) and then to the consumer computer 22...

...these embodiments, the server computer(s) may access the database for this information and then **send** it to the consumer.
The notification may be **sent** to the consumer confirming the order and including status information in a variety of ways. As discussed, the notification may be **sent** via e-mail, by facimile, by voice mail, by pager, etc. Tile consumer may then...

...may also be used manage queries to the store
computers 24 and to manacre updates **received** from the store computers 24.
Figure 16 illustrates an embodiment of a store location 160...

...computer 24. The store computer 24 may be in electronic communication with one or more **point** of **sale** systems 168. **Point** of **sale** systems 168 are well known in the art and used by stores on a daily...

...parallel connections, serial connections
21
or a network connection. When a transaction is confirmation. the **point** of **sale** system 168 may generate a confirmation ticket 170 for the consumer and/or for the store.
The store computer 24 includes a **point** of **sale** (" **POS** ") interface 1 72,
Typically **POS** systems 168 simply generate data and **send** it over a communications
port when some act' is
ion or event takes place at the **POS** 1 68. For example. if an item purchased. the **POS** 168 typically sends data indicating what item was purchased and for vvliat pi-ice across its communications channels. The **POS** interface 1 7@)
2 **receives**
any SUcli data from the **POS** 168 and sends it to a store manager component 1 74. The store manager software...through the systern 20 as a commission. The system 20 may simply take the corresponding **amount** off of the total **amount** paid by the consumer before forwarding on the rest of the all101,111t of the...

...periodicalk I implerrienters of the embodiments herein rnav bill the inerchant(s) for the appropriate **amounts** based on the transactions facilitated. Another way that users of the embodiments herein rriay generate...

14/3,K/16 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00835725 **Image available**

OPTICAL PAYMENT TRANSCEIVER AND SYSTEM USING THE SAME

TRANSCEPTEUR DE PAIEMENTS OPTIQUE ET SYSTEME UTILISANT LE TRANSCEPTEUR

Patent Applicant/Assignee:
HAREX INFOTECH INC, 16-6, Pil-dong 2-ga, Jung-gu, Seoul 100-272, KR, KR (Residence), KR (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:
PARK Kyung Yang, 202, Sinjoongang Villa, 8-1 Shingyo-dong, Jongro-gu-, Seoul 110-032, KR, KR (Residence), KR (Nationality), (Designated only for: US)
KIM Chul Ki, 309-1502, Kyonghyang Apt., Yatap-dong, Bundang-gu, Songnam-city, Gyonggi-do 463-924, KR, KR (Residence), KR (Nationality), (Designated only for: US)
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JUNG Bong Sung, 101-1501, Hyundai Apt., 992 Daechi-dong, Gangnam-gu, Seoul 135-850, KR, KR (Residence), KR (Nationality), (Designated only for: US)
SUNG Kwang Hyun, 685-121, Jongrung 3-dong, Songbuk-gu, Seoul 136-850, KR, KR (Residence), KR (Nationality), (Designated only for: US)
KIM Do Ha, 196-1, Seokgwan-dong, Songbuk-gu, Seoul 136-818, KR, KR (Residence), KR (Nationality), (Designated only for: US)
JUNG Hoon Joon, 202, Hwaseong Town, 835-48 Dang-dong, Gunpo-city, Gyonggi-do 435-010, KR, KR (Residence), KR (Nationality), (Designated only for: US)
KANG Bog Heui, 1-1204, Seoul Garden Apt., 555 Dobong 1-dong, Dobong-gu 132-751, KR, KR (Residence), KR (Nationality), (Designated only for: US)
CHO Eun Sang, 22-87, Hyehwa-dong, Jongro-gu 110-530, KR, KR (Residence), KR (Nationality), (Designated only for: US)
KIM Won Dong, 106-107, Hyundai Apt., 270 Hagye 2-dong, Nowon-gu, Seoul 139-873, KR, KR (Residence), KR (Nationality), (Designated only for: US)
KIM Dae Yeon, 204-901, 2nd Hyundai Apt., 863-1 Banghwa 1-dong, Gangseo-gu, Seoul 157-857, KR, KR (Residence), KR (Nationality), (Designated only for: US)
CHANG Kwang Su, 24-1, #545, Kuro 5-dong, Kuro-gu, Seoul 152-861, KR, KR (Residence), KR (Nationality), (Designated only for: US)
WOO Hee Gu, 301, #8-100, Eungam 1-dong, Unpyong-gu, Seoul 122-905, KR, KR (Residence), KR (Nationality), (Designated only for: US)

Legal Representative:
JO Eui Je (agent), Top Patent & Law Firm, RM. 1405, Hyechun Building, #831 Yuksam-dong, Gangnam-gu, Seoul 135-080, KR,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200169346 A2-A3 20010920 (WO 0169346)
Application: WO 2001KR428 20010316 (PCT/WO KR0100428)
Priority Application: KR 200013426 20000316; KR 200026621 20000518; KR 200031567 20000609; KR 200016328 U 20000609; KR 200032454 20000613; KR 200032455 20000613; KR 200033198 20000616; KR 200021614 U 20000728; KR 200073716 20001206; KR 200073717 20001206; KR 200073718 20001206; KR 200073719 20001206; KR 20011540 20010111 (KR U; ; ; ; KR U; ; ; ; ;)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

162. The optical settlement system of claim 161, wherein said portable terminal **transmits** an electronic **money** as much as a corresponding, **amount** of **money** to a portable terminal which is a **transmission** object if the **transmission** object portable ten-ninal and an **amount** of **money** to be **transmitted** are input and an execution of **money** **transmission** is selected, and displays the **transmitted** **amount** of **money** and the remaining **money** .

163. The optical settlement system of claim 160, wherein said portable terminal pays for a purchase **amount** of **money** with an electronic **money** .

14/3,K/17 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF

PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET PROCEDE ASSOCIE

Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200139086 A2 20010531 (WO 0139086)
Application: WO 2000US32310 20001122 (PCT/WO US0032310)
Priority Application: US 99444653 19991122; US 99447623 19991122
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 156214

Main International Patent Class: **G06F-017/60**

Fulltext Availability:
Claims

Claim
... THE PRODUCTS AND SERVICES
540
OUTPUTTING A COMPARISON BETWEEN DIFFERENT PRODUCTS AND SERVICEsi-t-,@
1
RECEIVING DATA RELATING TO USER REQUIREMENTS AND OUTPUTTING A 540
RECOMMENDATION OF AT LEAST ONE OF...ITEMS ARE SELECTED FOR DISPLAY
ROTATING THE ADVERTISEMENTS SO THAT EACH GETS AN EQUAL 6204
AMOUNT OF DISPLAY TIME, OR ACCORDING TO THE PREMIUM PAID BY
THE ADVERTISER

REPORTABLE
EXECUTIONS
INSTINET 3522 3520
THI 3526 BRANCH ORDER,.1 3524
FINANCIAL ENTRY...

...es 13630
STORE Yes
13624 13626 13628
PRINT ALERT RSZ(BWTH
MESSAGE
3632
LPOS(BWTH)=
POS (BWTH
Figure 136
TO EXECUTE
122/129 ROUTINE
FROM ORDER
QUALIFICATION (FIGURE 137)
13700
No...

14/3,K/18 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139028 A2 20010531 (WO 0139028)
Application: WO 2000US32308 20001122 (PCT/WO US0032308)
Priority Application: US 99444773 19991122; US 99444798 19991122
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 170977

Main International Patent Class: **G06F-017/60**
Fulltext Availability:

...1421 DATABASE CHECK & LIST
------- -----
142D4 ---, 14220 CHECK 14134 14214
BANK S CHECK
16
421 8 **ACCOUNT** 14214
14106 14108
BANKC CHECK CK NKB
CLEARING B's AC
ACCOUNT 134
14112 14114 14118 141
Figure 142
14300
14102 14104
VOIDED CHE 14132 1430d
CONSUMER...

14/3,K/19 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00805482 **Image available**
TRANSACTION PROCESSING USING INTERMEDIATE SERVER ARCHITECTURE
TRAITEMENT DE TRANSACTIONS UTILISANT UNE ARCHITECTURE DE SERVEURS INTERMEDIAIRES
Patent Applicant/Assignee:
U S WIRELESS DATA INC, 805 3rd Avenue, 8th Floor, New York, NY 10022, US, US (Residence), US (Nationality)
Inventor(s):
STAMBAUGH Rod, 1123 Western Avenue, Mill Valley, CA 94941, US,
Legal Representative:
KREBS Robert E (agent), Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139072 A1 20010531 (WO 0139072)
Application: WO 2000US31656 20001120 (PCT/WO US0031656)
Priority Application: US 99167552 19991123; US 2000495898 20000202
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6878

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... processing applications, etc.

In operation of the system of Figure 3, in the case of **POS** transactions, a WEPS-certified **wireless** **POS** terminal **transmits** card

data, merchant data and transaction **amount** data to the w(inverted exclamation mark)reless network. Tbe **wireless** network then forwards the data packets to a WEPS server, via frame relay for example...

...WEPS server performs such functions and then sends the resulting data to the designated transaction **processor** , again via frame relay for example. If no manipulation is required, the data is merely passed through the WEPS server "as is" in store-and- **forward** fashion.

Whether the transaction needs manipulation or not, pertinent data is "stripped" and
sent to...

14/3,K/20 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00803948 **Image available**
METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS
PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS
Patent Applicant/Assignee:
IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200137540 A2-A3 20010525 (WO 0137540)
Application: WO 2000US31757 20001117 (PCT/WO US0031757)
Priority Application: US 99441973 19991117; US 99447121 19991122; US 99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US 2000641908 20000818; US 2000695744 20001024
Parent Application/Grant:
Related by Continuation to: US 99441973 19991117 (CIP); US 99447121 19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114 (CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US 2000695744 20001024 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 116871

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

14/3,K/21 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00794336 **Image available**
INTEGRATED COMMERCE ENVIRONMENT (ICE) - A METHOD OF INTEGRATING OFFLINE AND ONLINE BUSINESS
ENVIRONNEMENT DE COMMERCE INTEGRE (ICE) UN PROCEDE D'INTEGRATION D'ENTREPRISE HORS LIGNE ET EN LIGNE
Patent Applicant/Inventor:
HEFNER L Lee Jr, 2835 Berwick Road, Birmingham, AL 35213, US, US (Residence), US (Nationality)
Legal Representative:
WESOLOWSKI Carl R (agent), Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200127838 A1 20010419 (WO 0127838)
Application: WO 2000US28068 20001012 (PCT/WO US0028068)
Priority Application: US 99158381 19991012
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 60287

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... a simulation of the purchase scenario or allows the merchant to place a real purchase, **receive** a real email receipt, and **receive** delivery of the product to experience first hand what retail customers experience;
(e) allows the...retail merchants by means of promotions (e.g., hyperlinks, banner ads, etc.) on proprietary merchant **account** pages on the PUMP Merchant Extranet;
(b) it provides an additional channel (i.e., online...

...market to highly targeted retail and wholesale merchants through ancillary pages linked to proprietary merchant **account**

pages. This is possible when retail and wholesale merchants use PUMP service, because they offer...

...information page of each merchant. (c) Vendors are able to save end consumers time and **money** by offering them exactly what they want by obtaining detailed anonymous consumer profiles from the their **account** information by means of a password-protected Extranet.
Advantages for the PUMP Operator
(a) PUM...

...that can be custom applied to many industries. (c) PUMP provides a tool that saves **money** related to sales and marketing costs by being qw'cker and more efficient than traditional...

...promotional messages on the SCC screen, as well as printing promotional messages on receipts or **point** -of- **sale** printouts.
Advantages of ICE for e ICE Operator, ICEOP
(a) As the percentage of shoppers...

...store. ICE allows manufacturers to broaden their media communication strategy by targeting identified email newsletter **receivers** in specified categories and sending them messages (i.e., ad, promotional content, etc.). By using...customer, if appropriate, can decide how to be billed (e.g., by
credit card, debit **account** , corporate **account** , etc.).
h. PUMP offers stakeholders a consistent set of options with predictable responses across every...

...S. PUMP can record cookies on users'computer hard disks and/or in the RAM **memory** with information including the user's name, email address(es), email notification service preferences, selected...

...or more cookies installed on a customer computer hard disk and/or in the RAM **memory** in order to integrate a customer profile record or file in a PUMP database when...

...can bypass retail stores altogether. At an Extranet web site, customers can access a private **account** page by using a password. Each **account** page can optionally display one or more of the three
windows (Merchant, Portal, and/or...stands out like a boulder on the beach. This happens because, when a retail customer **receives** a mini-billboard promotional receipt in a store and sees the other promotions on displays...

...attention share than other sites because of the situational, attention-grabbing, targeted nature of the **point** -of- **sale** Web Store promotion. is In addition to the **point** -of- **sale** printouts, the Web Store can be promoted in a
retail store in several ways, including...

14/3,K/22 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00788793 **Image available**
CONTENT PREFERENCE SYSTEM FOR DATA AT A RETAIL OUTLET
SYSTEME DE PREFERENCE DE CONTENU DE DONNEES AU NIVEAU D'UNE SORTIE DE POINT DE VENTE
Patent Applicant/Assignee:
MARCONI COMMERCE SYSTEMS LTD, Crompton Close, Basildon, Rssex SS14 3BA, GB, GB (Residence), GB (Nationality)
Inventor(s):
TERRANOVA Steven N, Coats & Bennett, Suite 206, 1100 Crescent Green, Cary, NC 27511, US,
Legal Representative:
FITCHETT Stuart Paul (agent), Saunders & Dolleymore, 9 Rickmansworth Road, Watford WD 18 0JU, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200122304 A2 20010329 (WO 0122304)

Application: WO 2000GB3533 20000914 (PCT/WO GB0003533)
Priority Application: US 99398137 19990917
Designated States: AU JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 6186

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... 10 may log off (block 84) or continue to peruse the content provided by the **account** host 12. In one embodiment, the preferences are saved in a **memory** associated with the transponder 52 either in the **laptop** computer or in the onboard vehicle Ulu 14 for later **transmission** to the retail establishment **POS** and subsequent retrieval of information based on the **transmitted** preferences. In another embodiment, the preferences are saved at the **account** host 12. In still another embodiment, the preferences could be stored in smart card, which...

...a transponder 52. The preferences could also be saved in any type of machine accessible **memory** device in possession of the user 10 and wherein the device can communicate the preferences...

14/3,K/23 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00785194 **Image available**
SYSTEM AND METHOD FOR PROVIDING SECURE SERVICES OVER PUBLIC AND PRIVATE NETWORKS
SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES SERVICES EN TOUTE SECURITE SUR LES RESEAUX PUBLIC ET PRIVE
Patent Applicant/Inventor:
TURGEON Paul Charles, 901 Sailors Reef, Fort collins, CO 80525, US, US (Residence), US (Nationality)
Legal Representative:
RICHARD I Samuel (agent), Goodwin, Procter & Hoar LLP, 7 Becker Farm Road, Roseland, NJ 07068, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200118729 A1 20010315 (WO 0118729)
Application: WO 2000US24756 20000908 (PCT/WO US0024756)
Priority Application: US 99394143 19990910
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7375

Main International Patent Class: **G06F-017/60**
Fulltext Availability:

Detailed Description

Detailed Description
... invention as will be explained in detail below. PC 400 and Web host server 404 **transfer** data between each other via either publicly switched or dedicated lines of communication. Web host server 404 is communicatively coupled with decryption/interface **processor** 408 for processing customer's, bank's and Web site's data during 5 the purchase transaction. Decryption/interface **processor** 408 is connected to network switch 4 1 0 for routing data to and from the financial institutions maintaining purchasing customers' **accounts** . Network switch 4 1 0 is part of the current secure network used by financial...

...offer various services to consumers, such as cash withdrawaUdeposit, bill payment, etc., via ATM and **point** -of- **sale** (**POS**) terminals. Decryption/interface **processor** 408 may be 0 implemented on a remote, stand-alone computer connected via secure dedicated lines to network switch 41 0. Alternatively, decryption/interface **processor** 408 may locally reside with network switch 41 0. Located as nodes on the network are various financial institutions for holding customers' **accounts** . One representative financial institution is shown in block diagram form as block 412 connected to network switch 41 0 for **transferring** data therebetween via secure 5 dedicated lines.

The operation of the system depicted in block...

14/3,K/24 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00781861
SYSTEM AND METHOD FOR COLLECTING FINANCIAL TRANSACTION DATA
SYSTEME ET PROCEDE DE COLLECTE DE DONNEES DE TRANSACTIONS FINANCIERES
Patent Applicant/Assignee:
NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence), FI (Nationality)
NOKIA INC, USA IPR Office, 6000 Connection Drive, Irving, TX 75039, US, US (Residence), US (Nationality), (Designated only for: LC)
Inventor(s):
MAKIPAA Mikko, Ilmarinkatu 12 B 28, FIN-00100 Helsinki, FI,
IMMONEN Olli, Tuohuskuia 16 A 5, FIN-00670 Helsinki, FI,
Legal Representative:
BRUNDIDGE Carl I (et al) (agent), Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200114995 A2 20010301 (WO 0114995)
Application: WO 2000IB1163 20000823 (PCT/WO IB0001163)
Priority Application: US 99382354 19990824
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11135

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... user of the user device 14 and further 1 5 verification that the electronic receipt **transmitted** by the transaction provider 12 to the user device 14 has been accepted by the...

...the user has authorized to be processed by the financial transaction against the user's **account** . The transaction provider 12 in a retail or other point of sale configuration typically contains...
...system 18 or with the inten-nediate service provider 20. The transaction provider 12 may **transmit** substantial information over the communications link 16 to the user device 14 which advertises or...

...be diverse in nature and may be a smart card, a mobile terminal including a **wireless** **telephone** or short range **wireless** communication link, such as the proposed Bluetooth specification, a **PDA** , etc. The user device 14 typically contains a **processor** and associated **memory** and the aforementioned communication capability I 0 providing communications over links 16 and 20.

The...

14/3,K/25 **(Item 22 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00772933 **Image available**
TOKENLESS BIOMETRIC ELECTRONIC TRANSACTIONS USING AUDIO SIGNATURE
TRANSACTIONS BIOMETRIQUES ELECTRONIQUES SANS TITRE MATERIEL RECOURANT A UNE SIGNATURE AUDIO
Patent Applicant/Assignee:
SMARTTOUCH INC, 727 Allston Way, Berkeley, CA 94710, US, US (Residence), US (Nationality)
Inventor(s):
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Legal Representative:
JOHNSON Alexander C Jr, Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200106440 A1 20010125 (WO 0106440)
Application: WO 2000US19977 20000720 (PCT/WO US0019977)
Priority Application: US 99357718 19990720
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

instead indicates which **account** to select by entering an **account** index code or letter. This code is selected by the user during **account** registration and linked to a particular credit/debit **account** of the user.
Once the electronic transaction is complete, the DPC retrieves the audio signature code of the **account** operator transaction **processor** . The audio signature I 0 code is then **transmitted** via a Transaction Response Message 20 to the user. The terminal identifies the audio signature that is associated with the **transmitted** audio signature code in the audio signature data bank, and played backs the audio signature...
...least two audio signatures. Preferably, each audio signature is associated with at least one transaction **processor** entity. The audio signature databank is stored in the identification computer system's main **memory** , in a separate flash **memory** unit, or a file stored in the device's file system. Alternatively, audio signatures reside on a terminal's **memory** device 12, or are loaded from a network or an attached peripheral devices, such as...

14/3,K/26 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00769505 **Image available**
SYSTEM AND METHOD FOR PROVISIONING TICKET PURCHASES OVER GLOBAL OR LOCAL NETWORKS
SYSTEME ET PROCEDE PERMETTANT L'ACHATS DE TICKETS SUR DES RESEAUX LOCAUX OU MONDIAUX
Patent Applicant/Assignee:
ZEBRAPASS INC, Suite 232, 4400 East-West Highway, Bethesda, MD 20814, US, US (Residence), US (Nationality)
Inventor(s):
KLEAR Jordan, Suite 232, 4400 East-West Highway, Bethesda, MD 20814, US
STEREN Marc, Suite 232, 4400 East-West Highway, Bethesda, MD 20814, US
Legal Representative:
DONNER Irah, Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200103040 A1 20010111 (WO 0103040)
Application: WO 2000US18371 20000703 (PCT/WO US0018371)
Priority Application: US 99142063 19990702; US 99150754 19990826; US 2000215878 20000630
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 32594

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description

appear in person at a **point** of **sale** location, said method comprising: **receiving** a communication **transmitted** from a **portable** **wireless** **device** in the possession of or located near said event customer, said communication including an order...

...to at least one entertainment event, said communication also including an identifier associated with said **wireless** device and corresponding to the event customer; processing the order and updating an **account** having **account** information including identification and contact information of the event customer associated with said identifier to reflect said order without having to **send** a physical ticket or confirmation to the event customer, wherein the **account** information is not stored on said **portable** **wireless** **device** , and updating the **point** of **sale** system located at the entertainment event to reflect the order; transmitting said identifier using said **portable** **wireless** **device** at the entertainment
event to be admitted thereto;
receiving said identifier and accessing said **account** by utilizing said identifier to access a corresponding **account** having the **account** information associated with the customer and stored in the point of said system upon presentation of said **wireless** device to verify said order;and
admitting said event customer at the entertainment event after...

...for purchasing and provisioning an item utilizing a server capable of being linked to a **wireless** device via a data communication network, said method comprising:
receiving a communication at said server from said **wireless** device, said
communication including an order for a purchase of said item, said communication also including an identifier associated with said **wireless** device, said **wireless** device being in the
possession of a consumer;
updating an **account** associated with said identifier to reflect said purchase, wherein
said **account** is not stored on said **wireless** device;
accessing said **account** by utilizing said identifier at a **point** of **sale** server upon **transmission** of said identifier from said **wireless** device to verify said purchase; and provisioning said item at said **point** of **sale** server after verification of said purchase. 134. A method for purchasing and provisioning an item utilizing a server capable of being linked to a **wireless** device via a data communication network, said method comprising:
receiving a communication at said server from said **wireless** device, said
communication including an order for a purchase of said item, said **wireless** device being in
the possession of a consumer;
transmitting an identifier associated with an **account** from said server to said **wireless** device for storage thereon, wherein the **account** is not stored on said wireless device;
updating said **account** to reflect said purchase;
accessing said **account** at a **point** of **sale** server upon **transmission** of said identifier from said **wireless** device by utilizing said identifier to verify said purchase; and provisioning said item at said **point** of **sale** server after verification of said purchase. 135. A method for provisioning a purchase utilizing a data communication network, said
method comprising:

receiving a communication from a **wireless** device in the possession of a user including a purchase order request, wherein said user is associated with an identifier stored on
said **wireless** device;
updating an **account** associated with said identifier to reflect said purchase order
request, wherein said **account** is not stored on said **wireless** device; and
provisioning said purchase upon **transmission** of said identifier from said **wireless** device.
AMENDED SHEET (ARTICLE 19)
136. A system used in purchasing and provisioning an item, comprising:
a server comprising a **processor** and a **memory** medium, said server connectable to one or more **portable** wireless devices via a data communication network, said **memory** medium containing instructions for controlling said **processor** , and wherein said **processor** is capable of:
receiving a communication from said one or more **portable wireless devices** , said communication including an order for a purchase of said item, said communication also including an identifier associated with an identification device, each **portable wireless device** being in the possession of a consumer,
updating an **account** associated with said identifier to reflect said purchase, wherein
said **account** is not stored on said **wireless** devices;
accessing said **account** by utilizing said identifier at a **point** of **sale** server upon **transmission** of said identifier from said identification device to verify said purchase; and provisioning said item at said **point** of **sale** server after verification of said purchase.
AMENDED SHEET (ARTICLE 19)
STATEMENT UNDER ARTICLE 19 (1...

...Examiner:
The present invention allows customers to make purchases over a data communication network, and **receive** the items or services without having to wait in line and without physical tickets. Specifically, a computing device in the possession of the customer is utilized to **transmit** an order. By utilizing a device in his possession, the customer need not wait in lines to complete the purchase. Examples of these devices include PCs, **wireless** devices/ **phones** , and/or Bluetooth-enabled devices. After **receiving** the order, an **account** maintained in a main computing server is updated to reflect the purchase, and an identifier is stored onto an identification device such as a **wireless phone** , **PDA** or smart card. To redeem a purchase, the customer presents this identification device at a **point** of **sale** location, where the identifier is read and used to access the customer's **account** . After accessing the **account** , purchase information may be verified before provisioning any purchases to the customer. In some embodiments, a **wireless** device may be used to request the purchase order as well as access the customer's **account** . In addition, no private purchase information is stored on the identification devices. Instead, only an identifier associated with the **account** is stored therein. By doing so, a lost device may be replaced without having to rewrite or store **account** information onto the replacement device. Oneda relates to a system for **transferring** airline tickets from one user to another where the tickets may be purchased pAly from...

14/3,K/27 (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00766038 **Image available**

PURCHASING SYSTEMS AND METHODS WHEREIN A BUYER TAKES POSSESSION AT A RETAILER OF A PRODUCT PURCHASED USING A COMMUNICATION NETWORK

SYSTEMES ET PROCEDES D'ACHAT OU UN ACHETEUR PREND POSSESSION CHEZ UN DETAILLANT D'UN PRODUIT ACHETE AU MOYEN D'UN RESEAU DE COMMUNICATION

Patent Applicant/Assignee:
WALKER DIGITAL LLC, One High Ridge Park, Stamford, CT 06905, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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VAN LUCHENE Andrew S, 9 Greenwood Place, Norwalk, CT 06854, US, US (Residence), US (Nationality), (Designated only for: US)
MIK Magdalena, 10 South Street, Greenwich, CT 06830, US, US (Residence), US (Nationality), (Designated only for: US)
TEDESCO Daniel E, Apartment 6, 192 Park Street, New Canaan, CT 06840, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
DUGAN Brian M (et al) (agent), Walker Digital Corporation, Intellectual Property Department, Five High Ridge Park, Stamford, CT 06905, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200079410 A2 20001228 (WO 0079410)
Application: WO 2000US12640 20000509 (PCT/WO US0012640)
Priority Application: US 99337906 19990622
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 30214

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim

... product feature; and (iv) pricing information.

107. A method of operating a retailer system, comprising:

receiving redemption information from a buyer, the redemption information being associated with a product that fulfills...

...product requirement without specifying a particular product that will be provided to the buyer;

77

receiving from a purchasing system verification information which enables the retailer to authorize the buyer to...

...70 COMMUNICATION
ODUCT FEATURE PORT 340
BASE 80
PRODUCT INPUT
DATABASE 90 DEVICE
342
ELLER **PROCESSOR**

RECEIVE PRIMARY AND
SECONDARY OFFER INFORMATION
FROM BUYER 2604
RECEIVE PAYMENT IDENTIFIER, AND
OTHER IDENTIFYING INFORMATION,
FROM BUYER 2606
STORE BUYER PAYMENT IDENTIFIER
(AND OTHER...

...26A
STORE SELLER'S ID AS
RETAILER ID
2628
ROUTE SECONDARY OFFER
TO SELLERS
2630
RECEIVED FROM UNABLE TO FILL OFFER
AT THIS TIME
2634
YES
RECORD ACCEPTANCE
AND SELLER ID...

14/3,K/28 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00765441 **Image available**
DEFINING AND UPLOADING MULTIPLE TRANSACTION DESCRIPTIONS FROM A CLIENT TO A TRANSACTION FACILITY
PROCEDE ET SYSTEME POUR DEFINIR ET TELECHARGER VERS L'AMONT PLUSIEURS DESCRIPTIONS DE TRANSACTION D'UN EQUIPEMENT CLIENT VERS UN EQUIPEMENT DE TRANSACTION
Patent Applicant/Assignee:
EBAY INC, 2125 Hamilton Avenue, San Jose, CA 95125, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KNEPFLE Joshua D, 3363 Cleves Warsaw Pike, Cincinnati, OH 45238, US, US (Residence), US (Nationality), (Designated only for: US)
RATTERMAN Robert J, 4986 Cleves Warsaw Pike, Cincinnati, OH 45238, US, US (Residence), US (Nationality), (Designated only for: US)
HELME Peter, 1515 Karl Avenue, Monte Sereno, CA 95030, US, US (Residence), US (Nationality), (Designated only for: US)
WILSON Michael, 24325 Glenwood Drive, Los Gatos, CA 95030, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
MALLIE Michael J, Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200078557 A1 20001228 (WO 0078557)
Application: WO 2000US17136 20000621 (PCT/WO US0017136)
Priority Application: US 99140124 19990621
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14444

International Patent Class: **G06F-017/60** ...
Fulltext Availability:
Claims

Claim
... means for communicating a data file; and
collection means for presenting an input interface to **receive** a transaction description, the transaction description comprising a plurality of data items and the input interface presenting a plurality of input fields to **receive** the plurality of data items; for composing a data file including a plurality of transaction...

...52
ALIASES TABLE
r ..... TABLE
SELLER
ITEMS
TABLE
54
46 BIDS
TABLE
BIDDER
ITEMS
TABLE
ACCOUNT 8 **ACCOUNTS** 56
BALANCES 5 TABLE
TABLE
FIGO 2
/24
CLIENT MACHINE 74 88
ION BATCH TEXT...

...WAIT
42 (LIVE) TABLE
ISAPI
....
AGO 3
/24
CLIENT SIDE
SERVER SIDE 100
102
%--@i **DOWNLOAD** UPLOAD
APPLICATION TO CLIENT
MACHINE AND INSTALL
7
CREATE COLLECTION OF
TRANSACflON DESCRIPTIONS (E.G...

...MACHINE 104
USING UPLOAD APPLICATION
E COLLECTION AT
CLIENT SIDE 106
7
GENERATE AND PROPOGATE
RECEIVE COLLECTION 110

INPUT DEVICE
TIONS
364
CURSOR CONTROL
STATIC **MEMORY** < BUS DEVICE
DRIVE UNIT
NETWORK Nl- MACHINE-READABLE
INTERFACE DEVICE MEDIUM 372
WA
LICTION I...

...and Trademarks
Box PCT TODD VOEtTZ
Washington, D.C. 20231
Facsimile No. (703) 305-3230 **Telephone** No. (703) 305-9714
Form PCT/ISA/210 (second sheet) (July 1998)*
INTERNATIONAL SEARCH REPORT...

14/3,K/29 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00762426 **Image available**
A SECURE INTERNET VAULT FOR CONSUMER RECEIPTS, LEGAL DOCUMENTS AND COMMERCE
CHAMBRE FORTE PROTEGEE SUR INTERNET POUR RECUS, DOCUMENTS JURIDIQUES ET COMMERCE DU CONSOMMATEUR
Patent Applicant/Assignee:
RECEIPTCITY COM INC, 3051 N. 1st Street, San Jose, CA 95134, US, US (Residence), US (Nationality)
Inventor(s):
ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US,
MILES Jeffery T, 6196 Gilder Drive, San Jose, CA 95123, US,
STOUT J Gregory, 642 Caliente #23, Sunnyvale, CA 94086, US,
VALLIANI Aziz, 1111 Tewa Court, Fremont, CA 94539, US,
RAFII Abbas, 1546 Wisteria Court, Los Altos, CA 94024, US,
KAREEMI Nazim, 2145 Emerson Street, Palo Alto, CA 94301, US,
Legal Representative:
KAUFMAN Michael A (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US
,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200075835 A2-A3 20001214 (WO 0075835)
Application: WO 2000US15371 20000602 (PCT/WO US0015371)
Priority Application: US 99137575 19990604; US 99141380 19990628; US 2000480883 20000110
Designated States: CA JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 17914

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... z
:Z/4-7
Jw
Figure 3

ad-serving company, which records and reports aggregated...

...that cannot be identified as being associated with you. If, however, you prefer not to **receive** the benefits made possible by cookies, most browsers allow you to reject cookies or choose ...are used for authentication and secure communications between ReceiptCity and merchants. Sensitive information such as **account** numbers reniaia encr)Tted while stored in the ReceipiCity database. Our database server is protected...
...us if you want no I,uture communication with us and no lomrer want. to **receive** our services. To do this,
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Correcting & Updating Your Information
At ativ time, you call change...

...the practices of this website. or
Your experience with this website, please contact:
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San Jose, C-1 95134
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[FAQsj Please cont2ct our Wcbmastc with.questions or comments.
ISite...

...your receipts for purchases you made with participating lAbout @POSI businesses. At ReceiptCity, you can **download** receipts into Quicken and lContact Usl Excel (for personal finance, tax reporting and expense reporting...

...and provide you with relevant promotions, reminders and other rewards. You can opt out from **receiving** these promotions at any time. We take privacy very seriously. First, we do not own...

14/3,K/30 (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00762425 **Image available**
AN ELECTRONIC-RECEIPTS SERVICE
SERVICE ELECTRONIQUE DE RECUS
Patent Applicant/Assignee:
RECEIPTCITY COM INC, 3051 N. 1st Street, San Jose, CA 95134, US, US (Residence), US (Nationality)
Inventor(s):
ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US,
MILES Jeffery, 6196 Gilder Drive, San Jose, CA 95123, US,
STOUT J Greg, 642 Caliente, #23, Sunnyvale, CA 94086, US,

VALLIANI Aziz, 1111 Tewa Court, Fremont, CA 94539, US,
RAFII Abbas, 1546 Wisteria Court, Los Altos, CA 94024, US,
KAREEMI Nazim, 2145 Emerson Street, Palo Alto, CA, US,
Legal Representative:
KAUFMAN Michael A (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US
,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200075834 A2-A3 20001214 (WO 0075834)
Application: WO 2000US15368 20000602 (PCT/WO US0015368)
Priority Application: US 99137575 19990604; US 99141380 19990628; US 2000480883 20000110
Designated States: CA JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 18738

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... an electronic record with details of said
transaction, said details including one of date, time, **amount** ,
merchant identification, merchant's store identification, merchant's
store cash-register identification, merchant's cashier...

...said
buyer, said merchant or a third party to said transaction and
performing one of **downloading** , printing, faxing and e-mailing a
copy of said electronic record; and
then using said...
...r.,
7z
-.3
Figure 2
Figure 3.
-3141
Input Subsystem 530 0 Secui
Figure 4
Processor Subsystem
510
Touchpad 531
Payment Subsystem 550 CPU 511
Out]
513
Magnetic Strip 512
Reader 551 Flash **Memory**
553 5121
DRAM 5122
Smart Card
Option 552
Bus 570
Communications Subsystem 560
Serial (RS...

...at This Point
Figure 7
Home Page
Ab t About Questions Log in

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I About Privacyl Ntmv
[About Securityl
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...and confidence on the Internet and accelerating growth of the Internet industry. Isite Mapi The @ **pos** .com team values your privacy, and our privacy policy has been reviewed by TRUSTe to...

...your
inquiry is not satisfactorily addressed, please contact TRUSTe at @vatchdogjjaw.
Privacy Statement for ReceiptCity
@ **pos** .com publishes this privacy statement to demonstrate our firm commitment to privacy. 'Mc information gathering...
...receipt identifiers (a string of numbers you create to identify your cash receipts at the **point** of **sale**), financial information (your frequent shopper or credit card numbers to identify your receipts), and demographic information (your zip code and age). We do not collect **phone** numbers. Your zip code and portions of your street address are used to verify your...

...you. This type of information is not required, but if you provide it, you will **receive** reminders of
3
the dates you've selected and notices of promotions that match your...

...AOL and MindSpring, provide your connection to the Internet. Your email address is used to **send** you notices of the arrival of new receipts, enhancements to RecciptCity, and promotions that match...

...Your e-mail address is also used, for security purposes, to confirm changes to your **account** profile. Whether you **receive** email messages is up to you. If you do not wish to **receive** email messages, you can indicate your preference when you register and or at anytime in...

...section on "Your Choices" below).
I-low the Site Works
At your request, participating merchants **send** your electronic receipts to the RecciptCity website where they are stored with any personal data ...

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...on our website. These ads may
contain "cookies" (see for a
definition of "cookie"). Cookies **received** with banner ads are collected by our ad-serving company, which records and reports aggregated...that cannot be identified as being associated with you. If, however, you prefer not to **receive** the benefits made possible by cookies, most browsers allow you to reject cookies or choose...

...are used for autlictificafion and secure communications betwevai

ReecipiCity and merchant%. Scitsitive information such as **account** nwiiber.,@ remain encrypted N%lifle stored in the ReceipiCity databas@-. Our database server is protected...

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[Contact Us] cm
IScarch Copyright 0 1999, @ **PoS** .COM Inc. All rights reserved. Knowledge Base] Please cont2ct our Webmasic with qucstions or conmnents...

...receipts for purchases you made with participating lAhout C#,POSj businesses. At ReceiptCity, you can **download** receipts into Quicken and lContact Us] Excel (for personal finance, tax reporting and expense reporting...

14/3,K/31 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00762422 **Image available**

CREDIT INSTRUMENT AND SYSTEM WITH AUTOMATED PAYMENT OF CLUB, MERCHANT AND SERVICE PROVIDER FEES

SYSTEME ET INSTRUMENT DE CREDIT PERMETTANT UN PAIEMENT AUTOMATISE DE COTISATIONS DE CLUBS, DE COMMISSIONS DE COMMERCE ET DE REDEVANCES A DES FOURNISSEURS DE SERVICES

Patent Applicant/Assignee:
FIRST USA BANK N A, Three Christina Centre, 201 North Walnut Street, Wilmington, DE 19801, US, US (Residence), US (Nationality)

Inventor(s):
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MAISTRE Marty, 53 East Periwinkle Lane, Newark, DE 19711, US

Legal Representative:
SCOTT Thomas J Jr, Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006, US

Patent and Priority Information (Country, Number, Date):
Patent: WO 200075831 A1 20001214 (WO 0075831)
Application: WO 2000US15105 20000602 (PCT/WO US0015105)
Priority Application: US 99325536 19990604

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 7336

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

CLUBS FOR EACH MEMBER
SYSTEM OBTAINS /,-1415
DUES **AMOUNT** FOR EACH CLUB
SYSTEM SENDS DUES /@1420
FILES TO TRANSACTION **PROCESSOR**
FOR AUTHORIZATION
SYSTEM **RECEIVES** /-1425
AUTHORIZATION NUMBER/REJECTION
FOR EACH TRANSACTION
I
SYSTEM POSTS TRANSACTIONS r1430
TO MEMBER'S **ACCOUNTS**
SYSTEM **TRANSFERS** /@1435
FUNDS TO CLUB **ACC**OUNTS
EMISSUES 1440
PARTNERS ON AUTHORIZATIO
ILURE/SUCCESS AND GROSS/N
FIGO 10
SUBSTITUTE SHEET (RULE26...

...of data base and where practicable terms used):
DIALOG, STN, DR-LINK
terms: database, computer, **processor** , network, server, **monetary processor** , dues **processor** , cardholder, service provider, **point** -of- **sale** , tranaction, auto-charge, automated charge
Form PCT/ISA/210 (extra sheet) (July 1998)*

14/3,K/32 (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00761437 **Image available**
METHOD AND APPARATUS FOR PROCESSING CREDIT CARD TRANSACTIONS
PROCEDE ET DISPOSITIF PERMETTANT DE TRAITER DES OPERATIONS EFFECTUEES PAR CARTE DE CREDIT
Patent Applicant/Assignee:
WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WALKER Jay S, 124 Spectacle Lane, Ridgefield, CT 06877, US, US (Residence), US (Nationality), (Designated only for: US)
MIK Magdelena, 10 South Street, Greenwich, CT 06830, US, US (Residence), US (Nationality), (Designated only for: US)
TULLEY Stephen C, 15 River Place, Stamford, CT 06907, US, US (Residence), US (Nationality), (Designated only for: US)
TEDESCO Daniel E, Apt. 6, 192 Park Street, New Canaan, CT 06840, US, US (Residence), US (Nationality), (Designated only for: US)
VAN LUCHENE Andrew S, 9 Greenwood Place, Norwalk, CT 06854, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
MASCHOFF Kurt M (et al) (agent), Intellectual Property Department, Walker Digital Corporation, One High Ridge Park, Stamford, CT 06905-1325, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200074011 A2-A3 20001207 (WO 0074011)
Application: WO 2000US12007 20000428 (PCT/WO US0012007)
Priority Application: US 99316546 19990521
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12956

International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... an acceptance on the record of charge.
58 The method of claim 57, further comprising:
receiving an adjustment of a balance of the financial **account** based on the acceptance.

14/3,K/33 (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00757905
A PRE-PAYMENT MECHANISM FOR USE IN ON-LINE SHOPPING
MECANISME DE PREPAIEMENT POUR ACHATS EN LIGNE
Patent Applicant/Assignee:
CYBERMOOLA INC, Suite 218, 1375 Sutter Street, San Francisco, CA 94109, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
FREEMAN Eric S, 1850 Gough Street #404, San Francisco, CA 94109, US, US (Residence), US (Nationality), (Designated only for: US)
RUIZ-HERNANDEZ Luisa, 1850 Gough Street #404, San Francisco, CA 94109, US , US (Residence), ES (Nationality), (Designated only for: US)
COHEN Gregory A, 3969 Regan Drive, San Mateo, CA 94403, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
YEE George B F, Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200070514 A1 20001123 (WO 0070514)
Application: WO 99US28131 19991123 (PCT/WO US9928131)
Priority Application: US 99313089 19990517
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8758

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... the transaction price.

10 A computer system for conducting an electronic-commerce transaction, comprising:
a **processor** ; and
a computer-readable **memory** coupled to the **processor** , the computer readable **memory** including:
code that directs the **processor** to provide a website accessible to a user, via a computer network;
code that directs the **processor** to offer a product or service to the user at the website, the product or service having an offer price;
code that directs the **processor** to **receive** pre-payment data as a I I form of payment from the user;
code that directs the **processor** to query a pre-payment repository via the computer network;
code that directs the **processor** to **receive** an approval from the prepayment repository when the pre-payment repository determines that a pre-payment **account** associated with the pre-payment data includes an **amount** that is at least equal to
the offer price; and
code that directs the **processor** to accept the form of payment in response to the approval, thereby effectuating the electronic...

...product or service.
I 11. A computer program product for a computer system including a **processor** , comprising:
a computer-readable **memory** including:
code that directs the **processor** to provide a website accessible to a user, via a computer network;
code that directs the **processor** to offer a product or service to the user at the website, the product or service having a offer price;
code that directs the **processor** to **receive** pre-payment data as a form of payment from the user;
code that directs the **processor** to query a pre-payment repository I I via the computer network;
code that directs the **processor** to **receive** an approval from the prepayment repository when the pre-payment repository determines that a pre-payment **account** associated with the pre-payment data includes an **amount** that is at least equal to
the offer price; and
code that directs the **processor** to accept the form of payment in response to the approval, thereby effectuating an electronic...selects Repository's
Pre-paid option at WM's site

14/3,K/34 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00736216 **Image available**
SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS
SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES
Patent Applicant/Inventor:
GIORDANO Joseph A, 15344 Oakmere Place, Centreville, VA, US, US (Residence), US (Nationality)
Legal Representative:
GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200049551 A1 20000824 (WO 0049551)
Application: WO 2000US4163 20000218 (PCT/WO US0004163)

Priority Application: US 99120760 19990219
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14767

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... mass storage device 94, and a network interface card or modem 96 for communicating with
POS device 34 and payment processing terminal 52. Stored in mass storage
device 94 is a customer information database 1 00 for identifying a customer, payment method, payment **processor** , and authorization data format when given a customer/ **transmitter** ID number. The organization of data inside customer
information database 100 may take on a...identifies and describes each customer. It includes, but is not limited to: customer address data, **phone** number, occupation, PIN, billing address, primary **account** holder, name, authorized user name, customer transceiver activation status and customer transceiver identification number. Merchant...
...50 are not used by unauthorized users. This information includes, but is not limited to: **transmission** device identifier, activation status, merchant identifier, merchant location, date of sale, time of sale and sale **amount** . Loyalty program information 108 defines specific merchant loyalty programs. It includes, but is not limited...

...information includes, but is not limited to: transaction type, item purchased, merchant, date purchased, dale **amount** , loyalty program usage.
Customer payment method information 112 defines the payment method to be used...

...but is not limited
to: default payment method, credit card number, debit card number, bank **account** number, associations between each merchant and each payment method. Customer personal information 114 comprises a...

...communications link 715. Online
merchant 12' replaces merchant store 12, online merchant computer 734 replaces **POS** device 34, and communication link 28' replaces communication link 28 shown in FIG. 3. In...
...from online consumer terminals 71 0, and arrange for delivery of the merchandise once it **receives** authorization from a payment processing system 16.
FIG. 8 is a diagrammatic representation of an...

...invention. As shown in FIG. 8, online
merchant computer 734 is comprised of a main **memory** 800, a display device 81 0, input device 820, a mass storage device 840, a...

...merchant's product pages that are associated with the home page. Individual pages may be **sent** in the form of Hyper-Text Markup Language (HTMQ pages across communication link 715 to...

...As shown in FIG. 9, the online consumer computer 71 0 preferably includes a main **memory** 900, a display device 91 0, input device 920 such as a keyboard and a...

...merchandise, identifies it to the online merchant computer 734 and inputs his or her customer/ **transmifter** ID number using a customer transceiver 50 into transceiver 970. The information is **transmitted** from transceiver 970 via system bus 980 to CPU 930 where it is then **transmitted**
to the online merchant computer 734. Upon **receiving** the data, the online
merchant computer 734 creates an authorization request comprised of the customer ID, a merchant ID and transaction data, and then **transmits** the data to
transaction processing system 26. Transaction processing system 26 then **transmits** the data to the appropriate payment processing system 16. As in the case of the preferred embodiment, payment processing system 16 authorizes the transaction and then **transmits** an authorization back to the online merchant computer 734 and online consumer computer 71 0 via the transaction processing system 26. Once the online merchant computer 734 **receives** the authorization, merchant's online sales associate prepares the merchandise identified by the customer, and...

...kiosk in the store, indicates a food, merchandise or service selection, and provides a customer/ **transmitter** ID using input device 920, customer transceiver 50 or a combination of the two. In...

...being the only delay.
In yet another embodiment, a customer may place an order by **telephone** prior to arriving at merchant store 12, by interfacing with an automated system using DTMF tones through the **telephone** . That is, when an automated operator at merchant store 12 answers the **telephone** call, the customer is prompted to enter the customer/ **transmifter** ID number and his/her purchasing preference via the DTMF buttons. Upon arrival, the customer...

...customer. In this example, customer
transceiver 50 is simply used to identify that the customer **receiving** the food,
merchandise or services is the customer who corresponds to the customer/ **transmitter** ID previously communicated to the merchant through the
DTMF system. Different transactions may be conducted...

...the scope of this invention. For example, a customer may conduct a transaction over the **telephone** using a payment method not recognized by the transaction processing system 26, and
then take...

...providing personal services to the customer. A further
embodiment includes a customer transceiver 50 that **transmits** automatic teller
machine (ATM) card information to an ATM. Once the ATM **receives** the information, the customer is prompted to input his/her PIN and transaction information, allowing...

...e., by telephoning a
human customer assistance representative and verbally communicating the request over the **telephone** , or dialing a **telephone** number and interfacing with a
computer using DTMF tones, or logging onto the Internet and...

...step 510,
transaction processing system 26 periodically retrieves updated customer profile data from an online **memory** location (RAM 88, or secondary storage device 94). In step 520, the transaction processing system 26 reconciles merchant **accounts** . That is, the system aggregates merchant sales, credits merchants and payment **processors** when appropriate and then presents invoices to each merchant and payment **processor** , based on sales activities. Customer profile information 102, merchant information 104, transaction information I 1...

...to determine the fees to be paid to each entity
(merchant store 12 and payment **processor** 16, and transaction processing system 26, as appropriate.) Once the information is aggregated, the transaction...46, wherein said communication interface
provides connectivity to a self-service vending machine or pay **telephone**

14/3,K/35 (Item 32 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00736212 **Image available**
METHOD AND SYSTEM FOR CONNECTING SERVICES TO AN AUTOMATED TRANSACTION MACHINE
PROCEDE ET SYSTEME POUR L'ETABLISSEMENT DE CONNEXIONS DE SERVICES DE TRANSACTION AVEC UNE MACHINE DE TRANSACTION AUTOMATIQUE
Patent Applicant/Assignee:
DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, OH 44720, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
DRUMMOND Jay Paul, 1965 August Drive S.E., Massillon, OH 44646, US, US (Residence), US (Nationality), (Designated only for: US)
CICHON Bob, 2112 Tennyson, Apartment 6, Massillon, OH 44646, US, US (Residence), US (Nationality), (Designated only for: US)
SMITH Mark D, 1910 Hunting Valley N.W., North Canton, OH 44720, US, US (Residence), US (Nationality), (Designated only for: US)
BLACKSON Dale, 5056 Paddington Down Street, Canton, OH 44718, US, US (Residence), US (Nationality), (Designated only for: US)
WEIS David, 842 McKinley Boulevard, Ashland, OH 44805, US, US (Residence), US (Nationality), (Designated only for: US)
CHURCH James, 741 Governors Circle, Kent, OH 44240, US, US (Residence), US (Nationality), (Designated only for: US)
GILGER Mikal R, 300 Reimer Road, Wadsworth, OH 44281, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
JOCKE Ralph, 231 South Broadway, Medina, OH 44256, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200049547 A1 20000824 (WO 0049547)
Application: WO 2000US4130 20000216 (PCT/WO US0004130)
Priority Application: US 99120506 19990217; US 99133579 19990511
Designated States: AU BR CA CN CZ HR HU ID IL IN IS JP KE KR LK LT MX NO NZ PL RU SE SG SI SK TR US VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English

Filing Language: English
Fulltext Word Count: 23748

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... terminal including at least one transaction service,
the transaction service including a sheet dispenser;
(b) **receiving** with the machine, a transaction service proxy
from the host terminal, the transaction service proxy...

14/3,K/36 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00731978 **Image available**
DATA PROCESSING SYSTEM FOR FACILITATING MERCHANDISE TRANSACTIONS
SYSTEME INFORMATIQUE POUR FACILITER LES TRANSACTIONS SUR MARCHANDISES
Patent Applicant/Assignee:
CUCKLEBURR COM INC, P.O. Box 542, Mexia, TX 76667, US, US (Residence), US (Nationality)
Inventor(s):
BRIZENDINE Kyle, P.O. Box 542, Mexia, TX 76667, US
Legal Representative:
CARR Gregory W, Carr & Storm, L.L.P., 900 Jackson Street, 670 Founders Square, Dallas, TX 75202, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200045315 A1 20000803 (WO 0045315)
Application: WO 2000US2120 20000127 (PCT/WO US0002120)
Priority Application: US 99117500 19990127; US 99418627 19991015
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 41929

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

...Back p ea c
Network Network mirrored
I
r----------FIG. 33A I r . . . . . .
- - - - - - - -- - - - - - - - - - - - - - - - -j Dal
Processor & Retailer Network
Processor Real-Time
e a er Data Center Redemption
Network Data
0 0 Point
r 0 against the Data Mart.
M
Member's Production

POINT **TRANSFERS** OUT OF THE **ACCOUNT** VIA
REDEMPTION OR **TRANSFERS**
1.24 ABILITY TO MASK **ACCOUNT** NUMBERS WHEN 1 SYSTEM CAN ACCOMMODATE
QUERYING OTHER CLUB MEMBERS THIS REQUIREMENT VIA
APPLICATION LOGIC.
2.0 **ACCOUNT** VERIFICATION & LOGIN
2.1 ABILITY TO SAVE MEMBER ID NUMBER THAT IS 1 SYSTEM CAN...

...AS USER ID (COOKIEI THIS REQUIREMENT VIA
APPLICATION LOGIC.
2.2 ABILITY TO RECOGNIZE THE **ACCOUNT** MEMBER 1 SYSTEM CAN ACCOMMODATE
BASED ON LOGIN INFORMATION AND PULL UP THIS REQUIREMENT VIA...

...4 ABILITY FOR THE MEMBER TO CONTACT N/A NOT A SYSTEM
CUSTOMER SERVICE AND **RECEIVE** A NEW PIN REQUIREMENT.
BY PROVIDING PERSONAL INFORMATION
2.5 ABILITY FOR THE NEW PIN...

...TRANSACT10N WITH THIS REQUIREMENT VIA
FINANCIAL IMPACT (POINT REDEMPTION, APPLICATION LOGIC AND THE
KIDSWALLET, POINT **TRANSFER**) MEMBER SECURITY PIN
TABLE
3.0 WEB SITE REQUIREMENTS
3.1 ABILITY TO TRACK MEMBER...
14/3,K/37 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00566671 **Image available**
ELECTRONIC PAYMENT SYSTEM UTILIZING INTERMEDIARY ACCOUNT
SYSTEME DE PAIEMENT ELECTRONIQUE AVEC COMPTE INTERMEDIAIRE
Patent Applicant/Assignee:
PRENET CORPORATION,
Inventor(s):
RESNICK David,
CALLANAN Matt J,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200030044 A2 20000525 (WO 0030044)
Application: WO 99US27407 19991117 (PCT/WO US9927407)
Priority Application: US 98108762 19981117; US 99141994 19990701
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 6244
Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... such terminals.

40 A method for effecting payment for telephone services comprising:
establishing an intermediary **account** having a corresponding **account**
identifier;
associating the intermediary **account** with an end-user's prepaid
account

maintained by a telecommunications vendor;
conducting a transaction comprising receiving a payment from the end-user at a **point** -of- **sale** together with the **account** identifier for loading value into the end
user's prepaid **account** ;
electronically communicating data indicative of the transaction from the **point**
of- **sale** to a central payment **processor** ;
in the central payment **processor** , validating the transaction data and transmitting a response to the **point** -of- **sale** ; and
in the central **processor** , if the validating step results in approval of the transaction, sending a message to the telecommunications vendor for loading value into the end-user's associated prepaid **account** responsive to the payment transaction.

41 A method according to claim 40 wherein said communicating...

```
Set     Items   Description
S1          1   AU=(ROLF, D? OR ROLF D?)
S2     189294   POS OR POINT(1W)SALE
S3       9166   S2(S)(PDA OR PDAS OR PERSONAL()DIGITAL()ASSISTANT? ? OR PA-
             LMPILOT? ? OR PALM()PILOT? ? OR (HANDHELD? OR PORTABLE?)(1W)(-
             COMPUTER? ? OR DEVICE? ?) OR PAGER? ? OR PAGING OR PIM OR INF-
             ORMATION()MANAGER? OR PC OR LAPTOP? OR LAP()TOP? ?)
S4      14719   S2(S)(TELEPHONE? OR PHONE? OR WIRELESS OR CELLULAR? OR CEL-
             LPHONE?)
S5    5744995   MONEY OR MONETARY OR ACCOUNT? ? OR AMOUNT?
S6   14124633   SALE? ? OR TRANSACTION? OR BUY???? OR SELL??? OR PURCHAS? -
             OR SHOP?
S7    9195628   TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL-
             OAD? OR RECEIV?
S8    1540367   TRANSMITTER? OR RECEIVER? OR MEMORY OR PROCESS?R?
S9      21543   S3 OR S4
S10      3455   S9(20N)S7
S11       293   S10(20N)S8
S12        77   S11(25N)(S5 OR PAY????)
S13       214   S11(20N)S6
S14        73   S13(S)(S5 OR PAY????)
S15        52   (S12 OR S14) NOT PY>1999
S16        52   S15 NOT PD=19990810:20030117
S17        28   RD (unique items)
? show files
File   9:Business & Industry(R) Jul/1994-2003/Jan 16
         (c) 2003 Resp. DB Svcs.
File  15:ABI/Inform(R) 1971-2003/Jan 17
         (c) 2003 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2003/Jan 17
         (c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Jan 16
         (c)2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2003/Jan 17
         (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 16
         (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jan 17
         (c) 2003 The Gale Group
```

Bode Akintola 17-Jan-03

17/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

02431596 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Philips Launches Low Cost, High Performance Internet UARTs
(Philips Semiconductors launched two new 4- and 8-channel universal asynchronous receiver transmitter single-chip devices)
Microwave Journal, v 42, n 3, p 45
March 1999
DOCUMENT TYPE: Journal ISSN: 0192-6225 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 214

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...latest generation of Internet-connected appliance. Specific applications envisaged include Internet access equipment, point-of- **sale** terminals, automatic **payment** terminals, robotics and high end **PC** workstations.

Functionally, UART circuits convert parallel bytes from a **processor** into serial bits for **transmission** and vice versa. In a typical application, the UART may interface with a range of...

17/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01983232 (USE FORMAT 7 OR 9 FOR FULLTEXT)
COMING SOON: ATMS IN PHONES
(Geoworks Inc is developing software that will make digital phones dispense cash just like conventional automated teller machines)
Contra Costa Times , p N/A
October 15, 1997
DOCUMENT TYPE: Regional Newspaper ISSN: 0192-6137 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 505

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Killen predicts. What's more, according to Killen, smart and stored-value electronic cards will **account** for a whopping 30 percent, or about 7.5 billion transactions a year. Smart cards...

...or on the move could use a smart phone to access his or her bank **account** through the Internet. Then, the customer might withdraw some electronic cash, say $100, and **transfer** the funds to the **memory** of the smart card, which could slide into or out of a slot in the **phone** . The person could then take the smart card, which is really an electronic wallet, to a store to **buy** goods, using it like a debit card. Or, people could use the wireless phone to...

...Internet-based system that can handle electronic commerce transactions that use smart cards and transfer **money** in cyberspace. Plus, there's no assurance the phone and card technologies can be smoothly...

17/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01371869 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Homing In
(MasterCard and Visa are undertaking strategies to gain shares of the remote banking market)
Financial Service ONLINE, p 54+
January 1996
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2392

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...t need that complexity."

The Servantis program also will allow consumers to access the same **account** information whether they're at an ATM, personal computer or **telephone** . Previously, banks using MasterCard's service would **send** Checkfree each day a copy of each customer's balance, called a strip file, that the bill **payment processor** would debit when the consumer paid a bill that file would not reflect, however, **transactions** at the point of **sale** or at an automated teller machine.

As a result, says Fredrick, "when you do a...

17/3,K/4 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01045149 96-94542
First looks: Mac Spotlight
Geary, Paul J; Gacicia, Ronald A; Liscombe, Eugene R; Randall, R David; et al
Massachusetts CPA Review v69n1 PP: 31-32 Winter 1995
ISSN: 0025-4770 JRNL CODE: MCP
WORD COUNT: 1085

...TEXT: includes nine separate application modules that can stand alone or run fully integrated. General Ledger, **Accounts** Payable, **Accounts Receivable** , **Payroll** , Inventory, **Purchasing** , Order Processing, Job Cost and **Point** of **Sale** can be **purchased** separately for $695-$995. The FlexShare module can be **purchased** for $995 (for 68020 and above **processors**) to take advantage of faster processing speeds. The FlexWare Network Extension for five users can be **purchased** for $995.

The FlexWare system uses its own 4th generation language that has been in ...

17/3,K/5 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06499703 Supplier Number: 55205644 (USE FORMAT 7 FOR FULLTEXT)
Buyers' guide to software for purchasing.

Purchasing, v127, n1, p193
July 15, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 5839

... URL: www. clientsoft.com.
Command Line Corp. CLC-PM4/PM5 is a real-time multiuser **PC** -based **purchasing** management system. Y2K-compliant customizable system provides extensive histories of interactive **transactions** by item, supplier, PO, and **receiver** . Inventory, **purchasing** , and supply item masters are user defined. System creates **POs** automatically or semi-automatically for repetitively ordered or one-time- only items including multisite delivery ...

...automatic routing. Internet/intranet-capable system also accommodates advance payments, credits, freight charges, taxes, ERS (**pay** on receipt), etc. Tel: (732) 738-6500; Fax: (732) 738-6504; E-mail: commandlinecorp@worldnet...

17/3,K/6 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05912945 Supplier Number: 53138085 (USE FORMAT 7 FOR FULLTEXT)
U.S. Wireless Data Announces Launch of Wireless Express Payment Service.
Business Wire, p0110
Oct 28, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 759

... dial-up terminals, and, for certain types of businesses, cash or checks.
The Wireless Express **Payment** Service(SM) begins at the **point** -of-**sale** and concludes with server interfaces into the front-ends of designated card **processors** . The service securely **transmits** **transaction** data over dedicated channels within the existing voice infrastructure at 19.2 kilobytes per second...

...the 12 to 15 seconds for land-based, dial-up lines. In addition, Wireless Express **Payment** Service(SM) enhances security, including features such as data encryption to reduce the potential for fraud losses. The result: Wireless Express **Payment** Service(SM) outperforms dial-up lines at a fraction of the cost of leased lines...

17/3,K/7 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05687866 Supplier Number: 53625515 (USE FORMAT 7 FOR FULLTEXT)
Checkbooks Go Electronic.
Bank Technology News, pNA
June, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 414

... based PFMs, where consumers usually don't have their current balance on hand while doing **transactions** , according to Myles Suer, president and founder of PSC. Another interesting feature is the use of **wireless** infrared technology. This technology lets an ElectronaCheck user **transfer account** balance information housed on the device to ElectronaCheck software housed on their **PC** or **laptop** . Most **laptops** today have an infrared **receiver** , but for those that don't, PSC will supply a piece of hardware that connects...

...things up a level, infrared technology will also let consumers connect ElectronaCheck to their bank **account** at an ATM. To pull this off, an infrared connector could be popped onto an...
...bought 19 1/3 percent of the company. "The ElectronaCheck product makes a piece of **payment** behavior for the consumer much more convenient," says Roger Bertman, vice president of corporate development...

...have consumers writing checks and they don't know their available balance. With Quicken and **Money** , consumers have to go back and enter their payments." Although the product has not begun...

17/3,K/8 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05617760 Supplier Number: 50037455 (USE FORMAT 7 FOR FULLTEXT)
Online Debit Cardholders Pay Over And Over For Easter Goodies
Debit Card News, pN/A
May 12, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 852

... to occur during system-computer restarts, system reconfigurations, when new software is introduced or when **telephone** lines are choked by too much information being **downloaded** at once. The Winn-Dixie billing miscues began when exceptionally heavy **point** -of- **sale** activity overloaded the **transaction** -authorization telecom links between the supermarket chain's online debit **processor** , Milwaukee-based Deluxe Electronic **Payment** Systems Inc.; the Maitland, Fla.-based Honor electronic funds transfer network; and card issuers.
System...

17/3,K/9 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05248124 Supplier Number: 47999132 (USE FORMAT 7 FOR FULLTEXT)
Frontier Technologies and Atalla Announce Strategic Alliance to Deliver TrustMaster CSP-enabled e-Lock; New Internet Alliance is Based Around End-to-End Hardware and Software security and Microsoft's CryptoAPI.
Business Wire, p9231303
Sept 23, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 588

... and the Internet/Intranet arena. The company's products include

industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking and government...

17/3,K/10 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05248033 Supplier Number: 47999041 (USE FORMAT 7 FOR FULLTEXT)
Atalla Introduces Its Hardware-Based TrustMaster CSP Security Engine for the Microsoft CryptoAPI Environment; Powerful security product can be incorporated into Microsoft's Internet Security Framework, MISF, to supercharge performance and physically safeguard cryptographic material.
Business Wire, p9231302
Sept 23, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 602

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking and government...

17/3,K/11 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05021948 Supplier Number: 47373988 (USE FORMAT 7 FOR FULLTEXT)
Atalla announces new open connectivity network security processor for ATM/EFT/POS networks; Competitively priced A10000E NSP has unsurpassed performance for UNIX & NT 4.0 hosts with a TCP/IP over Ethernet connection.
Business Wire, p5121100
May 12, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 445

... securing commerce over private networks. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/12 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04910613 Supplier Number: 47219954 (USE FORMAT 7 FOR FULLTEXT)
Atalla announces shipment of new, PCI-based Internet security processor products for SET payments, general purpose cryptography.

Business Wire, p03180018
March 18, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 620

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/13 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04828800 Supplier Number: 47104757 (USE FORMAT 7 FOR FULLTEXT)
Atalla to License Elliptic Curve Technology From Certicom for New NetArmor Internet Security Processor Chip; Advanced Technology Toolkit will provide Atalla with additional public-key capabilities for Internet Commerce.
Business Wire, p2060125
Feb 6, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 599

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/14 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04801417 Supplier Number: 47065186 (USE FORMAT 7 FOR FULLTEXT)
Atalla Announces Powerful New PCI-based Internet Security Processor Products for SET Payments, General Purpose Cryptography.
Business Wire, p1271082
Jan 27, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 629

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry)credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/15 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04661382 Supplier Number: 46860170 (USE FORMAT 7 FOR FULLTEXT)
Atalla Inks Agreement with RSA Data Security Inc. to Provide Open Crypto-API for New SET Internet Payments Toolkit.
Business Wire, p11041065
Nov 4, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 644

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processors** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit/debit **payment** , terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/16 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04601909 Supplier Number: 46768208 (USE FORMAT 7 FOR FULLTEXT)
TIS will license its encryption key recovery technology to Atalla; TIS also affirms support for new industry alliance.
Business Wire, p10021338
Oct 2, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 621

... and the Internet/Intranet arena. The company's products include industry-leading hardware-based security **processor** for the Internet, Intranet and the bank **transfer** networks, **POS** /POE (**point** -of- **sale** /point-of-entry) credit / debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing and...

17/3,K/17 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03610221 Supplier Number: 45083650 (USE FORMAT 7 FOR FULLTEXT)
Largest EBT Rollout Under Way in Texas
Supermarket News, p21
Oct 24, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 838

... new software. To offset that cost, the state's contracted vendor, Transactive Co., Austin, will **pay** retailers 2.5 cents for each EBT **transaction** .

Retailers without **POS** systems will be supplied a basic system free of charge by Transactive, though they will not **receive** any **transaction** payments from the vendor. The systems consist of a dedicated **phone** line, an in-store **processor** and for each checkout lane, a POS terminal scanner for the EBT card and a...

17/3,K/18 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02153520 Supplier Number: 42798841 (USE FORMAT 7 FOR FULLTEXT)
BT TAKES QUICK ACTION TO STEM LOSSES
POS News, v8, n11, pN/A
March 1, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 660

... wireless technology to give it an edge. It participated in CDI's test of cellular **transmission** of POS **transactions** in Dallas (POS News, February 1992) and will be the **processor** for CDI's first full **cellular** pilot set to begin this spring. By **transmitting** short data messages, such as credit card authorization requests, between voice **transmissions** , CDI expects to offer high-speed transmissions to both mobile and nonmobile retailers at a price that is only slightly more than what they'd **pay** for dial-up service.

Thomas Welsh, manager of electronic transaction services, notes he believes cellular...

17/3,K/19 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01887855 Supplier Number: 42399245 (USE FORMAT 7 FOR FULLTEXT)
Smart Vendina Machines
East Asia High Tech Review, v1, n10, pN/A
Oct, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 391

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
With worsening traffic conditions in urban areas and unpredictable **sales** on rural routes, Japanese vending machine operators are becoming keenly interested in introducing point- of-sale (**POS**) systems for their machines. Once vending machines are hooked up with local distributors, either via **telephone** or by low-power **transmitters** , the so-called "route men" (the distributor's employees who replenish stock) can pinpoint which machines to refill, saving a great deal of time, **money** , and fuel.

17/3,K/20 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

09710931 SUPPLIER NUMBER: 19730300 (USE FORMAT 7 OR 9 FOR FULL TEXT)
GTECH Enters Into Agreement to Acquire VideoSite, Inc.
PR Newswire, p908NEM021
Sep 8, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 643 LINE COUNT: 00060

... data communications in Poland.

VideoSite

VideoSite is a leading provider of multimedia broadcasting software that **sends** digital audio, video and image files from one **PC** or video head-end to many PCs and/or video **receivers** through local and wide-area networks. VideoSite targets the corporate communications and **point** -of-**sale** advertising markets, selling software to users wishing to broadcast content to internal and external audiences.

According to the agreement, GTECH has agreed to **pay** a total purchase price of approximately $15.36 million for all of the issued and...

17/3,K/21 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08436828 SUPPLIER NUMBER: 17897179 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wireless terminals help vendor make a big score at Super Bowl. (Facility Merchandising Inc. uses wireless terminals to sell game merchandise) (Brief Article)
Piskora, Beth
American Banker, v161, n19, p16(1)
Jan 30, 1996
DOCUMENT TYPE: Brief Article ISSN: 0002-7561 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 275 LINE COUNT: 00024

... terminals on site for the big day.

The Woodbridge, N.J., firm's point of **sale** technology includes a wireless modem and a battery-powered **point** of **sale** terminal. To use it, a **sales** clerk slides the credit card through the terminal, and the number is **sent** wirelessly to RAM's nearest base station. **Account** information is then sent via land lines to the **processor** , where the **account** status is verified and authorization relayed to the terminal. The entire process takes less than...

17/3,K/22 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07599152 SUPPLIER NUMBER: 15843107 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Largest EBT rollout under way in Texas. (electronic benefits transfer)
O'Leary, Chris
Supermarket News, v44, n43, p21(2)
Oct 24, 1994
ISSN: 0039-5803 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 880 LINE COUNT: 00067

... new software. To offset that cost, the state's contracted vendor, Transactive Co., Austin, will **pay** retailers 2.5 cents for each EBT **transaction** .

Retailers without **POS** systems will be supplied a basic system free of charge by Transactive, though they will not **receive** any **transaction** payments from the vendor. The systems consist of a dedicated **phone** line, an in-store **processor** and for each checkout lane, a POS terminal scanner for the EBT card and a...

17/3,K/23 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

06682886 SUPPLIER NUMBER: 14194798 (USE FORMAT 7 OR 9 FOR FULL TEXT)
EBT programs found cost-effective but advantages depend on many variables. (FDA's Food and Nutrition Service report on electronic benefits transfer; includes related article)
EFT Report, v16, n16, p1(4)
August 4, 1993
ISSN: 0195-7287 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1406 LINE COUNT: 00111

... and POS terminal costs.
Ramsey County's processor is located in Texas and the county **pays** all telecommunications charges. New Mexico's **processor** , on the other hand, is located in Albuquerque. EBT messages **sent** between retailers' **POS** terminals and the **processor** 's computer do not incur long-distance charges, and retailers **pay** local **telephone** charges.
Telecommunications charges in Ramsey County cost an average of $0.83 per case month...

17/3,K/24 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

04083120 SUPPLIER NUMBER: 07865561 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The byte stuff '89. (food service management software and hardware) (directory)
Restaurants & Institutions, v99, n22, p135(6)
August 21, 1989
DOCUMENT TYPE: directory ISSN: 0273-5520 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 4550 LINE COUNT: 00413

... 5,000-$10,000; PC or compatible, mini and mainframe computer systems. System includes daily **sales** journal, **payroll** and staffing analysis, **accounts payable** , **accounts receivable** , general ledger and inventory/menu analysis.
Separate modules: ONTOP (One Number **Telephone** Order **Processor**); Warehouse Master System; **POS** Polling System; $995-$2,500.
Special features/services: 90-day guarantee; "Help" hotline; on-site ...

17/3,K/25 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

00534053
Electronic payment cards that will replace personal checks at point of sale are being developed by CII-Honeywell Bull and Schlumberger Ltd (both France).
Electronics January 17, 1980 p. 68

... from checking to the card, which would contain the customer's name, date of issue, **account** number, a serial number and a personal identification number or code designed to protect access to the card. To make a **purchase** , one would insert the card into a retailer's **point** -of-**sale** terminal and key in the ID code. The retailer records the **sale** on

a conventional cash register. The customer would **receive** a receipt including, if desired, the balance remaining in the card's **memory** . The **transaction** would be recorded on the retailer's **memory** card, with the data either physically transported to the retailer's bank or **transmitted** via **telephone** lines for processing. ...

17/3,K/26 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01177531 SUPPLIER NUMBER: 04430872 (USE FORMAT 7 OR 9 FOR FULL TEXT)
POSitive about PC's advantages. (point-of-sale terminals)
Zarley, Craig
PC Week, v3, n41, p51(3)
Oct 14, 1986
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1971 LINE COUNT: 00151

... customize for specific retail situations. Modifying the software required writing a mainframe program and then **transfering** it to the **POS** terminal. Before this was done, the limited **amount** of **memory** coupled with the inability to support peripherals severely limited POS system capabilities. But now, with...

17/3,K/27 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03353828 Supplier Number: 46897014 (USE FORMAT 7 FOR FULLTEXT)
NORTEL: Nortel & Tandem agreement adds Entrust Security Technology to Tandem's net commerce offering
M2 Presswire, pN/A
Nov 18, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 629

... networks and the Internet/Intranet. The company's products include industry-leading, hardware-based security **processors** for the Internet, intranet and bank **transfer** networks, **point** -of- **sale** /point-of-entry credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing, and...

17/3,K/28 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01024192 Supplier Number: 40406350 (USE FORMAT 7 FOR FULLTEXT)
TRANSACTION RADIO FIRM SIGNS VISA FOR TEST; LOSES CHIEF MARKETER
Data Channels, pN/A
June 1, 1988
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Newsletter; Trade
Word Count: 248

... message unit costs or even leased-line telephone costs.
DRN's technology does this by **transmitting** card authorizations from

a point-of-sale (**POS**) device to a master radio **receiver** and then into an authorization network using radio waves, instead of **telephone** lines.

Rather than **pay** for **telephone** lines or message units, a customer **pays** only the fixed or leased cost of the **POS** radio **transmitter** and a nominal transaction fee.

The only limitation is that the POS radio **transmitter** must be within 10-20 miles of a master radio to ensure good reception.

With...

```
Set     Items   Description
S1          0   AU=(ROLF, D? OR ROLF D?)
S2      66948   POS OR POINT(1W)SALE
S3       3254   S2(S)(PDA OR PDAS OR PERSONAL()DIGITAL()ASSISTANT? ? OR PA-
             LMPILOT? ? OR PALM()PILOT? ? OR (HANDHELD? OR PORTABLE?)(1W)(-
             COMPUTER? ? OR DEVICE? ?) OR PAGER? ? OR PAGING OR PIM OR INF-
             ORMATION()MANAGER? OR PC OR LAPTOP? OR LAP()TOP? ?)
S4       5986   S2(S)(TELEPHONE? OR PHONE? OR WIRELESS OR CELLULAR? OR CEL-
             LPHONE?)
S5    5481866   MONEY OR MONETARY OR ACCOUNT? ? OR AMOUNT?
S6    8818024   SALE? ? OR TRANSACTION? OR BUY???? OR SELL??? OR PURCHAS? -
             OR SHOP?
S7    7654310   TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL-
             OAD? OR RECEIV?
S8     689973   TRANSMITTER? OR RECEIVER? OR MEMORY OR PROCESS?R?
S9       8230   S3 OR S4
S10      1077   S9(20N)S7
S11        72   S10(20N)S8
S12        14   S11(25N)(S5 OR PAY????)
S13        48   S11(20N)S6
S14        12   S13(S)(S5 OR PAY????)
S15        25   (S12 OR S13) NOT PY>1999
S16        20   RD (unique items)
? show files
File  20:Dialog Global Reporter 1997-2003/Jan 17
         (c) 2003 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2003/Jan 17
         (c) 2003 Financial Times Ltd
File 610:Business Wire 1999-2003/Jan 17
         (c) 2003 Business Wire.
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         (c) 2003 McGraw-Hill Co. Inc
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         (c) 2003 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
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Bode Akintola 17-Jan-03

16/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

04673209 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Cyclades & ARIA Bring Wireless Intranet Solution
PR NEWSWIRE
March 17, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 587

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... utilizing radio-based metropolitan area networks. ARIA's systems provide a secure resolution for transporting **transaction** data in applications such as retail credit card **point** of **sale** (**POS**), automated teller machines (ATMs), lottery, off-track betting, electronic funds **transfer** , and securities brokerage services. Employing local radio frequencies, modems, **transmitters** , network manager PCs, and the Company's patented Collision-Eliminating Multiple Access (CEMA) technology and TCP/IP protocol software, **transactions** from remote terminals to a local host can be completed quickly and cost-effectively versus...

16/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

04673161 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ARIA Appoints Gary Stornelli as President and Chief Executive Officer
PR NEWSWIRE
March 17, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 342

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... utilizing radio-based metropolitan area networks. ARIA's systems provide a secure resolution for transporting **transaction** data in applications such as retail credit card **point** of **sale** (**POS**), automated teller machines (ATMs), lottery, off-track betting, electronic funds **transfer** , and securities brokerage services. Employing local radio frequencies, modems, **transmitters** , network manager PCs, and the company's patented Collision-Eliminating Multiple Access (CEMA) technology and TCP/IP protocol software, **transactions** from remote terminals to a local host can be completed quickly and cost-effectively versus...

16/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

04478995 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SST Enters Microcontroller Market With SuperFlash-Based 8051-Compatible Product Family
PR NEWSWIRE
March 01, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1126

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Video Compact Disc) -- to download code patches from the spinning media * Scanners/POS (Point of **Sale**) Systems -- where names of customers with credit problems can be **downloaded** "on-the-fly" via **telephone** links * Set-top boxes/Satellite **receivers** -- to store user configuration and to **download** code updates in real time to accommodate changes in service programming * Instrumentation/Industrial applications -- for...

16/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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04068132 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIMS Signs Agreement With Innovatix to Market MedCard System
BUSINESS WIRE
January 20, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 378

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... use its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction processors** encompassing most credit card and ATM networks. Its services include medical insurance eligibility and authorization, medical billing, prepaid **phone** card activations, customer affinity programs and customized vertical market applications.
This release contains **forward** -looking statements that are subject to risks and uncertainties, including but not limited to, the...

16/3,K/5 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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03830622 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIMS Installs MedCard System in Over 100 Healthcare Facilities
BUSINESS WIRE
December 22, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 352

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... use its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction processors** encompassing most credit card and ATM networks. Its other services include medical insurance eligibility and authorization, medical billing, prepaid **phone** card activations, customer affinity programs and custom vertical market applications.
This release contains **forward** -looking statements that are subject to risks and uncertainties, including but not limited to, the...

16/3,K/6 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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03686587 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIMS MedCard Management Systems to Provide Billing Services for Kingsbrook Jewish Medical Center
BUSINESS WIRE
December 08, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 370

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... use its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction processors** encompassing most credit card and ATM networks. Its other services include medical insurance eligibility and authorization, medical billing, prepaid **phone** card activations, customer affinity programs and custom vertical market applications.

This release contains **forward** -looking statements that are subject to risks and uncertainties, including but not limited to, the...

16/3,K/7 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

03409796 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIMS Enters Into Exclusive License Agreement for MedCard Software
BUSINESS WIRE
November 11, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 549

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... use its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction processors** encompassing most credit card and ATM networks. Its other services include medical insurance eligibility and authorization, medical billing, prepaid **phone** card activations, customer affinity programs and custom vertical market applications.

This release contains **forward** -looking statements that are subject to risks and uncertainties, including but not limited to, the...

16/3,K/8 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

03250621 (USE FORMAT 7 OR 9 FOR FULLTEXT)
U.S. Wireless Data Announces Launch of Wireless Express Payment Service
BUSINESS WIRE
October 28, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 837

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... dial-up terminals, and, for certain types of businesses, cash or checks.

The Wireless Express **Payment** Service(SM) begins at the **point** -of-**sale** and concludes with server interfaces into the front-ends of

designated card **processors** . The service securely **transmits** **transaction** data over dedicated channels within the existing voice infrastructure at 19.2 kilobytes per second...

16/3,K/9 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02994194
Sims Signs Letter of Intent To Acquire Assets of MedCard Management Systems
BUSINESS WIRE
October 02, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 460

... include its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction** **processors** encompassing most credit card and ATM networks. Its other services include medical insurance eligibility and authorization, medical billing, prepaid **phone** card activations, customer affinity programs and custom and vertical market applications. This release contains **forward** -looking statements that are subject to risks, uncertainties including but not limited to, the impact...

16/3,K/10 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02683817 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Stock Market Information Broadcast Capability
PR NEWSWIRE
September 02, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 541

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... radio-based metropolitan area networks. ARIA's systems provide a secure resolution for transporting financial **transaction** data in applications such as retail credit card **point** of **sale** (**POS**), automated teller machines (ATMs), lottery, off-track-betting, electronic funds **transfer** , and securities brokerage services. Employing local radio frequencies, modems, **transmitters** , network manager PCs, and the Company's patented collision-eliminating multiple access (CEMA) technology and TCP/IP protocol software, **transactions** from remote terminals to a local host can be completed quickly and cost-effectively versus...

16/3,K/11 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02507167 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BellSouth Wireless Data Enables Wireless Transaction Processing With A Single Carrier Virtually Anywhere Companies Conduct Business Nationwide
PR NEWSWIRE
August 13, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1002

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and the Intellect 9770 by Intellect Electronics, Inc., are secure, portable, compact and lightweight wireless **point** -of- **sale** (**POS**) terminals, each containing thermal printers for receipts. All operate by **sending** a radio signal to the **processor** 's computer network and then **receive** a signal back showing that the **transaction** has been authorized or declined. Through the BellSouth Intelligent **Wireless** Network, most **transactions** occur in seconds.

The agreement with TNS, which carried 2.4 billion card **transactions** in 1997 and serves as a hub for more than 40 processors, means TNS customers...

16/3,K/12 (Item 12 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02487973 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIMS ATM Scrip Terminal Order Rate Strong
BUSINESS WIRE
August 12, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 326

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... include its patented, intelligent, DebitLink POS terminal, custom software and a comprehensive network of financial **transaction processors** encompassing most credit card and ATM networks. Also included are prepaid services including **phone** card activation.

This release contains **forward** -looking statements that are subject to risks, uncertainties including but not limited to, the impact...

16/3,K/13 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02103005
Network lets users work on the run
Darren Yates
ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (AGE) , p5
June 30, 1998
JOURNAL CODE: WTAG LANGUAGE: English RECORD TYPE: ABSTRACT
WORD COUNT: 92

... 11 standard. The system can be used for inventory administration, data collection and point-of- **sale** . The advantage of LAN systems are their mobility. Cabletron's product operates by coding digital data into a radio frequency **transmission** system. It also makes use of an access point **wireless** bridge and **PC** **receiver** **PC** cards. The latter can be used in desktop PCs or notebooks. Product applications include use...

16/3,K/14 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext

0002540777 B0CBLCCABEFT
Technology: Point of Sale - Ashley's retail pattern
Financial Times, P 7
Thursday, October 18, 1984
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 84

TEXT:
...the company's headquarters in Carno, mid-Wales. Every evening the computer automatically dials the **telephone** numbers of the terminals and **transfers sales** data stored in each terminal's **memory** . The system should be complete by the end of the year.

16/3,K/15 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0456637 BW0117

PARK CTY GRP ACTIONBOARD: Park City Group introduces ActionBoard; back-office system provides unprecedented span of control over store operations

January 16, 1995

Byline: Business and Computer/Electronics Editors

...all components of the PaperLess
Management system and other external store system devices such as **point** -of- **sale** equipment and **pager transmitters** through a business platform known as ActionManager(TM).
For example, as the interface to other...

16/3,K/16 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

1300200 NYM103
New Chinese On-Line Securities Exchange to Incorporate ARIA Wireless Product

DATE: June 29, 1998 15:09 EDT WORD COUNT: 591

... radio-based metropolitan area networks. ARIA's systems provide a secure resolution for transporting financial **transaction** data in applications such as retail credit card **point** of **sale** (**POS**), automated teller machines (ATMs), lottery, off- track-betting, electronic funds **transfer** , and securities brokerage services. Employing local radio frequencies, modems, **transmitters** , network manager PCs, and the Company's patented collision-eliminating multiple access (CEMA) technology and TCP/IP protocol software, **transactions** from remote terminals to a local host can be completed quickly and cost-effectively versus...

16/3,K/17 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire

1149169 NEM021
GTECH Enters Into Agreement to Acquire VideoSite, Inc.

DATE: September 8, 1997 08:12 EDT WORD COUNT: 570

...data communications in Poland.

VideoSite

VideoSite is a leading provider of multimedia broadcasting software that **sends** digital audio, video and image files from one **PC** or video head-end to many PCs and/or video **receivers** through local and wide-area networks. VideoSite targets the corporate communications and **point** -of- **sale** advertising markets, **selling** software to users wishing to broadcast content to internal and external audiences.

According to the agreement, GTECH has agreed to **pay** a total purchase price of approximately $15.36 million for all of the issued and...

16/3,K/18 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire

1022760 a5600
Northern Telecom (Nortel) and Tandem Sign Agreement Adding Entrust Security Technology to Tandem's Internet Commerce Offering

DATE: November 15, 1996 10:54 EST WORD COUNT: 675

...networks and
the Internet/Intranet. The company's products include industry-leading, hardware-based security **processors** for the Internet, intranet and bank **transfer** networks, **point** -of- **sale** /point-of-entry credit/debit **payment** terminals, customer authorization and PIN selection terminals, and secure enrollment products for banking, retailing, and...

16/3,K/19 (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire

0906467 LAF016
SUPER BOWL XXX GOES WIRELESS

DATE: January 26, 1996 09:00 EST WORD COUNT: 613

...built-
in wireless modems.

A wireless POS device works in a similar way as other **POS** devices. After sliding the credit card through the terminal, the card **purchase** information is **sent** wirelessly to RAM's nearest base station and then to the **processor** via land lines, where the **transaction** is processed and the
authorization is returned to the terminal.

Wireless POS has also been...

16/3,K/20 (Item 5 from file: 813)
DIALOG(R)File 813:PR Newswire

0269392 AT012
NATIONAL DATA TUNES IN DIGITAL RADIO NETWORKS' SYSTEM OF CREDIT CARD VERIFICATION

DATE: May 16, 1990 15:16 EST WORD COUNT: 323

...system of credit card verification using radio airwaves produces a response at the point-of- **sale** terminal in five to seven seconds compared to at least 21 seconds when using **telephone** lines.

Whenever a credit card verification is required, an in-store **transmitter sends** a signal via airwaves to the nearest master radio antenna. From the antenna, leased lines...